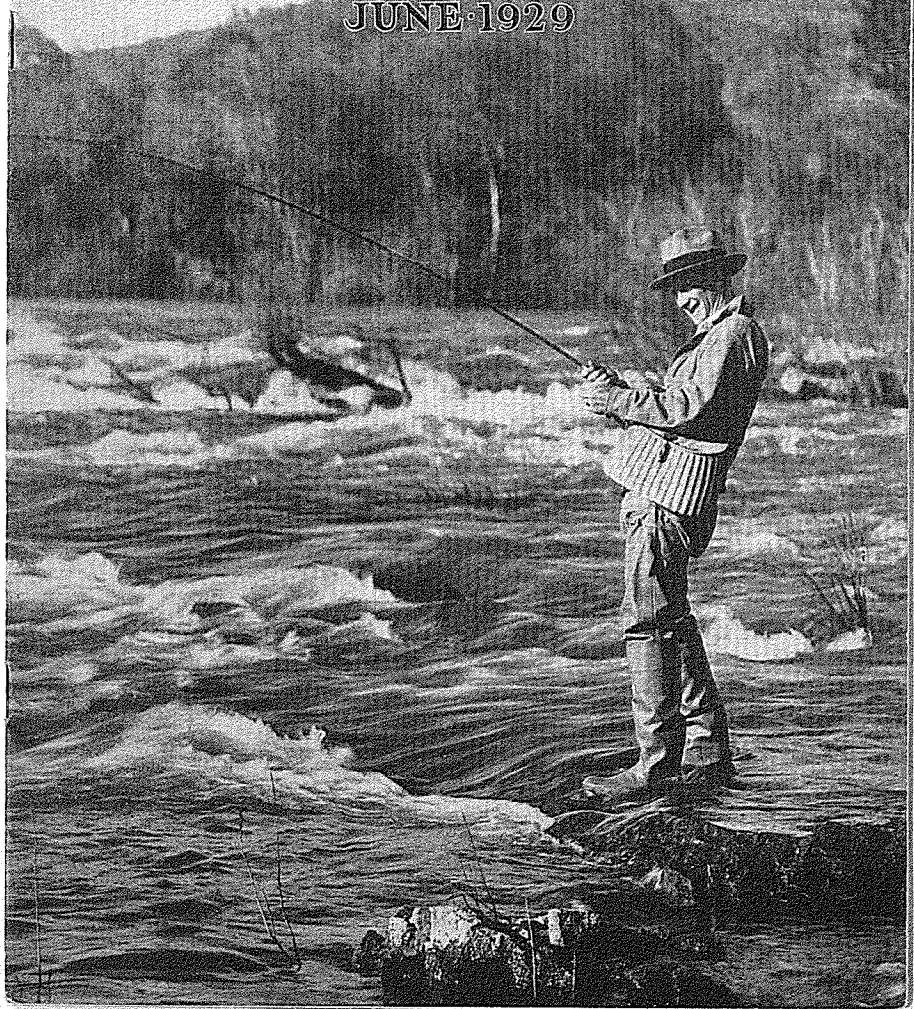


Southern Pacific Bulletin

JUNE 1929



The Game of Railroadng

MOST of us enjoy watching a well played game in any sport. Staid businessmen and demure ladies join the enthusiasm of boys and girls when a player knocks the baseball over the fence for a home run with the bases full, or when the halfback breaks through the line for a long run to a touchdown as the referee's gun barks the end of the football game. We applaud the individual whose playing was distinguished. But with greater admiration we remember the teamwork—the coordinated effort of every player—that brought success to the team.

Many people regard the "game" of railroadng in much the same way. The traveler whose questions were answered so pleasingly by the ticket clerk; whose baggage was taken care of so accommodatingly by the red cap porter; whose misfortune in losing a ticket was so considerably handled by the conductor; who enjoyed a well cooked and tastily served meal in the dining car; who was delighted in watching the courtesies extended by a thoughtful brakeman; and who reached his destination after a comfortable journey in passenger equipment of the highest standard; is certain to "sing the praises" of many individual railroaders. At the same time he becomes a friend of the railroad, for he realizes that after all it was through the team work of hundreds of men and women that his railroad journey was made such a pleasant one.

Team work is just another word for cooperation. You never saw a crew win a boat race with one man resting on his oars. Every man had to keep up the stroke and do his part. Nor can you hope to find a successful railroad unless every person in the organization is awake to the responsibility his particular work plays in the all-important job of producing satisfactory passenger and freight service.

Southern Pacific employees are well aware of this situation. The high regard in which the Company is held by people in the territory served by our lines, indicates that the men and women of the railroad organization are doing much toward creating the friendships necessary in the business of selling transportation.

Railroads As Civilizing Force

The following statement is taken from an article on "The Civilizing Rail," recently written for "Economic Geography" by Mark Jefferson, Professor of Geography, Michigan State Normal College.

RAILWAY TRANSPORTATION is the agency that for the century past has done more than any other single one of man's inventions to transform human life, especially in the way of pushing backward people forward and lifting submerged classes. The old-fashioned peasant, clinging closely to the ways of his fathers, and accepting a status of inferiority, has disappeared here before the whistle of the locomotive and the rustle of the newspaper. Local costumes and customs have had to yield here to the garments and manners of wider areas. The rural dweller here is familiar with the ways of the townfolk.

The United States has been aptly called a railway-created country. Railways here enabled men to carry civilization, a civilization that was undoubtedly European, into what had been a trackless wilderness and create there widespread prosperity.

It is not that the railways happened to come along just as the country was being settled. The country did get settled then because the railway was available to do the work. Without the rails there would be no such country today. Settlement would have crept slowly along the rivers; numbers would still be small and wealth far off. Canals would be more numerous and fewer of those once built would have fallen into decay. All the waterways would be in use, but the total movement would be, by our present lights, insignificant. The railways made the United States, and the present generation has its whole life tied up with the effects of railways.

Interesting Railroaders

EDW. S. CORLETT
Chief, General Foreman, Sacramento Shops



PROBABLY no one at the large General Shops in Sacramento comes in daily contact with as many employees as does Edw. S. Corlett. Nor is anyone more universally liked than is this clerk to the general foreman of the Locomotive Department.

If a mechanic comes to the shops looking for a job, Ed Corlett is the first man he runs into. If a fellow is leaving the service, Ed is the last man he has dealings with. If a vacation is wanted, Ed takes care of the request, and if an employee is so unfortunate as to be injured, Ed is the one who makes out the accident report and follows the case through. He handles the record of every man in service at the shops, and some of the boys will tell you that there is very little about the lives of the Sacramento shopmen that Ed Corlett does not know.

Ed is a general utility clerk for any and all purposes. If there is a subscription list to be passed around, or any other job of a more or less onerous nature, it is always a case of "Let Ed Do It," and Ed does it to everyone's satisfaction. Corlett was born on the Isle of Man, England, and brought his family to this country in 1908. He already had considerable railroad experience and when he reached Sacramento in September of that year he started work in the Company's Car Shops. He has held his present position since 1911. He has three children, all working for Southern Pacific. Evelyn is a nurse at the Hospital; Herbert is a clerk at the shops, and, during the school vacation, Norman has a temporary job at the shops.

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Overland's Running Time Cut to 58 Hours

New San Francisco Limited Makes Seven Trains Daily Between Pacific Coast and Chicago; Millions Spent in Improvements

A CUT of five hours in the running time of Southern Pacific's famous Overland Limited, without change in extra fare, to establish a 58-hour schedule between Chicago and San Francisco, becomes effective June 9.

At the same time a new train, the San Francisco Limited, running on the Overland's former schedule of 61½ hours, will be placed in service between San Francisco and Chicago without extra fare. Also the extra fare charge will be removed from the Golden State Limited, which will continue to operate on 61½-hour schedule between Los Angeles and Chicago. The running time of both the Gold Coast and Pacific Limited will be shortened.

With this forward step in passenger service, Southern Pacific will have four trains operating daily between San Francisco and Chicago over the Overland Route and three trains from Los Angeles over the Golden State Route.

On its new and faster run, the Overland will make it possible for travelers to cross the continent with only three nights on the train from New York and two nights from Chicago. Sixty years ago, when the first transcontinental railroad was completed, the one fast "Express" made the cross-country trip in seven days, while the "Emigrant" trains of early days were en route for weeks instead of days.

The revised schedule provides for the Overland's departure from San

Francisco at 9:40 a. m. and arrival in Chicago at 9:40 a. m. on the third day from the Pacific Coast. Westbound, the Overland will leave Chicago at 11:50 a. m., arriving in San Francisco at 7:50 p. m. on the third day. The running time will be 58 hours in both directions. Close connections in Chicago with the principal trains to and from New York City will bring the big cities of the Atlantic seaboard one day nearer San Francisco in point of travel time.

The San Francisco Limited, new 61½-hour flyer, will leave San Francisco at 6:00 p. m., the same as the Overland's former schedule, and will arrive in Chicago at 9:15 a. m. on the third day. The running time westbound will be 62 hours and 50 minutes, leaving Chicago at 8:20 a. m. and reaching San Francisco at 9:10 a. m. This train will be first-class in every respect with the latest developments in sleeping car, lounge, smoking room and observation car appointments, together with convenient service of a barber, valet, maid, and shower bath.

The Gold Coast will take a new and faster schedule, leaving San Francisco at 7:00 p. m. and arriving in Chicago at 4:30 p. m. the third day, cutting the running time three hours. This train will also carry equipment for Denver, Kansas City and St. Louis. Westbound, the train will leave Chicago at 2:30 p. m., arriving in San Francisco at 8:30 a. m.

The Pacific Limited will cut its time one hour and 20 minutes from San Francisco to Chicago, leaving

San Francisco at 11:00 a. m. instead of 4:00 p. m., and arriving in Chicago at 7:40 a. m.

Efforts made in recent years by Southern Pacific, the West's pioneer railroad, to provide its patrons with unrivaled transcontinental transportation facilities, is reflected in the fact that the Overland's running time has been reduced 10 hours in less than three years, and also in the light of other accomplishments, which include:

A new and shorter route between San Francisco and Portland, over the scenic Cascade Line of Shasta Route, constructed at a cost of 40 million dollars;

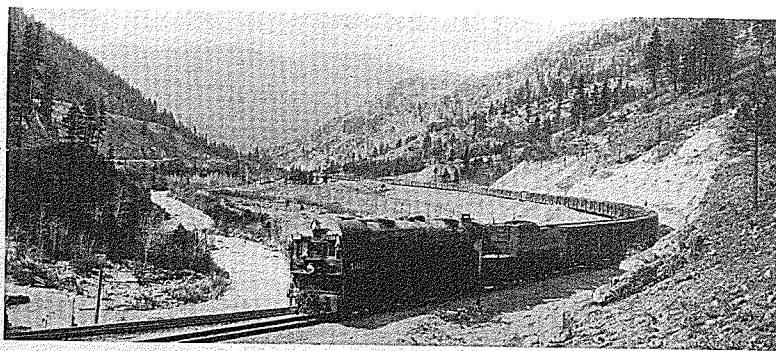
Broadgauging, from Wendell to Lakeview, of the Nevada-California-Oregon line, which road, in connection with \$5,000,000 new line now being built between Alturas and Klamath Falls, will provide a new transcontinental short line through Southern Oregon and Northern California to connect the Shasta and Overland routes;

New \$15,000,000 line through Arizona, placing Phoenix on a main transcontinental route;

Double-tracking of the Overland Route over the Sierra-Nevada mountains;

Completion of the West Coast of Mexico line to Guadalajara, making possible through service to Mexico City;

Broadgauging the line between Tahoe and Truckee, giving through Pullman service to the lake's shore; Work has started on a \$12,000,000



One of Southern Pacific's largest and most powerful locomotives "on line" in the Sierra, pulling its string of freight cars over the mountains near Truckee, eastward on the Sacramento Division. This arrangement keeps the cab clear of smoke and gases when operating through tunnels and gives the engineer an unobstructed

view. The locomotive is single expansion articulated with a 4-6-8-3 wheel arrangement. They are 120 feet long, and when loaded weigh 920,000 pounds, with a tractive power of 112,760 pounds. The locomotives are designed for use in passenger and freight service over mountain territory. Ten are now in service between Roseville and Sparks, and sixteen more are under construction.

steel bridge across Suisun Bay to replace the present car transfer ferry boats.

Installation of a \$700,000 remote control system is now under way over the 40 miles between Stockton and Brighton Junction, which will provide greater efficiency and economy in train operations.

Coincident with this fast-moving construction program, Southern Pacific has made numerous refinements in service; innovations such as automobile baggage cars over the Sierra, a ticket delivery and travel service bureau in San Francisco, new type observation cars on the Daylight, single bed-room cars on the Lark, and spring mattresses on all Pullmans.

Since 1924, orders for new equipment, both passenger and freight, have totaled more than 52 and a half million dollars. Sixteen powerful Mallet-type locomotives 120 feet long, with traction power of 112,700 pounds, have been developed for service in mountainous territory. Ten ultra-modern all-steel lounge cars have been purchased with upholstered chairs and davenport, telephones for use at stations, and radio connections. Twenty-five dining cars now being received, embody latest refinements of construction and appointments, with soft colors and bright lighting.

In five years Southern Pacific has constructed more new line than any other railroad, and in the last fifteen years 1481 miles of new line have been built at a cost of 88 million dollars.

Still building with the West, Southern Pacific has spent in the last ten years more than 250 million dollars for new facilities to serve its Pacific Lines.

Famous Artist Gives S. P. Credit For His Regaining Health

Paul Dougherty, member of the National Academy, and one of the nation's great painters, whose works hang in the Metropolitan Museum of art in New York, the Corcoran art gallery at Washington, and the Chicago Art Institute, two years ago went to Tucson, Arizona, so ill that on his arrival he could not raise his hand. Today he is a well man, and he says that but for the Southern Pacific Company he would probably be dead.

In France he was stricken with anthritis. His physician prescribed a desert climate, and upon application at the Southern Pacific Paris office he was given much literature on America, including a booklet of the Tucson Sunshine Climate Club. After reading the literature, he decided to go to Tucson. Today he is fully restored to health and expects to live out his allotted span of life. He feels that he owes a debt of gratitude to the Southern Pacific, for had he not by chance stumbled upon the company's Paris office and gotten the literature it is



Cartoonist V. O. Branner, telegrapher at Canby, Ore., thinks some one has been let in for a tough job in judging the hundreds of ideas of various sorts that will be submitted in the contest "How Southern Pacific Can Increase Its Revenues."

Hurry! Hurry!

If you have not already written the Editor of the Bulletin a letter presenting your ideas on "How Southern Pacific Can Increase Its Revenues," get busy right away. The contest, which offers cash prizes ranging from \$100 to \$10 to the employees who submit the most practical suggestions, closes June 15. Only letters posted on or before that day will be considered by the judges.

Remember, too, that three prizes of \$25, \$15 and \$10 are offered for the best slogans expressing in a very few words the high standard of service Southern Pacific offers travelers and shippers.

San Francisco Club Observes Railroad Anniversary

In celebration of the sixtieth anniversary of the driving of the golden spike on the Central Pacific, the meeting of the Islam Temple Luncheon Club at the Palace Hotel, San Francisco, May 16, was designated as Southern Pacific Company Day, and the program rendered was in fitting harmony with the occasion.

John D. McGilvray, vice president of the luncheon club, welcomed the Southern Pacific officials as guests, practically every official in San Francisco on that day being present. W. H. Moulthrop, assistant to chief engineer, officiated as master of ceremonies, assisted by Lindsay Campbell, development agent.

Short addresses were made by Don Elliott, the club president; Dr. W. P. Read, Potentate of Islam Temple; Garnett King, chairman of the day,

probable that he would not have heard of Tucson and its wonderful climate.

and W. H. Moulthrop. A special program of vaudeville acts was rendered, including numbers by the Southern Pacific jazz chorus. Garnett King, assistant passenger traffic manager, was the lucky winner of one of the attendance prizes.

New Dining Cars Have Many Pleasing Features

Twenty-five new dining cars, costing \$1,500,000, are now being placed in service by the Company.

The new cars are of steel construction, inside and out; 77 feet long, with seating capacity of 96; and in interior finish contain many new features, the principal of which is the employment of color.

Ten of the cars are finished in walnut, while the remainder are done in several tones of green. The ceilings of all cars are cream colored. The cars are carpeted throughout, and chairs are equipped with slip covers, which harmonize with the decorations.

There is a large art mirror in the lobby end of each diner, replacing the customary sideboard locker of previous models. The lighting scheme is of the two-deck type. The upper deck fixtures are spaced in the center of the ceiling, and the lower deck lights are directly over the tables.

The Company has also ordered fifteen all-steel chair cars for use on the Pacific lines, of the most modern design. They will be 82 feet 5 1/2 inches long, with a seating capacity of 56. They will be equipped with thermostatic heat control, adjustable backs and footrests, and upholstered and finished in the new color shades.

Business Branch of Library at San Francisco Is Opened

Equipped with all types of books on business, accounting, finance, salesmanship and commerce, the new Business Branch of the San Francisco Public Library is now opened in the Russ Building, Room 1104. This new branch is a modern library devoted to the interest of the business and financial men of the community.

Individual attention and special telephone service is available from 10:00 a. m. to 5:30 p. m. every week day (except Saturday 10:00 a. m. to 1:00 p. m.) by phoning Sutter 0580.

New York Office Moved

On May 14, the office of the general agent, passenger department in New York City was moved to Room 1012, Bank of United States Building, 535 Fifth Avenue.

The move was made to enable the passenger department to be in closer contact with other railroads, whose passenger departments are almost entirely located in the uptown section where the new office is located.

Keeping the Linen Clean

Millions of Pieces of Laundry in Company's "Family Wash" Done at West Oakland Plant

By E. J. WHISLER, Associate Editor

NEARLY eighteen million pieces of linen! That is the annual "family wash" of the Southern Pacific!

And being, like all good housekeepers, thrifty and economical, the Company does its own washing. However, Monday has no special significance in this establishment, for every day of the week is washday.

Did you ever wonder as you seated yourself in a diner before an immaculate cloth and the waiter placed a snowy-white napkin in your hand, where they came from and what became of them after you had finished your meal. Or, who furnished the spotless apron and coat worn by that waiter?

These are only a few of the many items of linen required in the day's work, and the handling of this enormous "washing" is an interesting story.

The Company operates 160 dining cars, 31 all-day lunch cars, 42 club cars, 30 ferry boats, 6 restaurants at various points, 7 club houses, and 14 emergency hospitals along the line. All of these, as well as private and business cars, maintenance of way and other outfit cars used by construction and repair gangs, require clean linen constantly, and the providing of this linen is a task of no mean proportion.

The laundry work for the entire Pacific System is done at one central plant, the laundry at west Oakland, Calif.

This plant is the largest railroad laundry on the Pacific Coast and is regarded by authorities as one of the most complete, efficient and economically operated railroad laundries in the country. It has received much attention from laundry experts, and has been the subject of numerous articles in leading laundry journals. Many of the efficiency devices inaugurated in the Oakland laundry have been adopted by leading laundries in other cities.

Average Volume

Some idea of the volume of work turned out may be gathered from the following itemized statement of one day's work: Napkins, 14,006; table cloths, 5022; towels, 11,000; aprons, 2531; coats, 1175; sheets, 1333. This covers only the heavy items, smaller pieces such as waiters', chefs' and maids' caps, doilies, seat covers, etc., not being enumerated. This is an average day's output. The peak season is during June and July, when the summer excursion and convention business is at its height. During that period as many as 50,000 pieces of



Packing napkins in sealed cartons for shipment. 12,000 clean napkins leave the laundry every day.

linen are turned out in one day, or 1,500,000 in a month.

Seventy people are continuously employed, and twelve seamstresses in addition are kept constantly busy in reconditioning articles which are found to be in need of repair.

The largest item handled is napkins. When ironed, they are placed in sanitary, sealed boxes containing fifty each, so that no hand or foreign substance touches them from the time they leave the laundry until they are placed in the passenger's hands on the diner, perhaps thousands of miles away.

Every dining car is furnished at the beginning of a trip with sufficient linen for the number of meals to be served, plus a margin of 15 per cent to take care of possible emergencies. This linen is counted and charged to that car, and is again checked when it is returned to the laundry.

Few "Souvenirs"

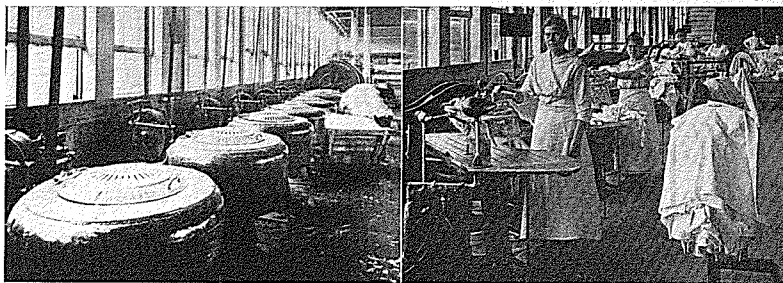
An interesting fact about this checking is the small number of shortages found. The souvenir hunters apparently do not have the interest in railroad table linen that they do in hotel and Pullman car equipment.

The routine of handling linen through the laundry is strictly scientific, every process being closely timed according to a predetermined calculation. There is no guesswork.

A water softener first reduces the water to zero, which means in everyday English that every particle of alkali is neutralized and that the water is absolutely



General view of the Southern Pacific laundry at West Oakland, Cal. Inset is A. Grant, laundry manager.



Extracting machines, which remove the surplus water from the linen after washing. There are nine of these machines in constant use.

Hand presses, for ironing starch work. Six operators handle a battery of twelve presses and can press 1,500 waiters' coats a day.

pure and soft. This reduces the cost of supplies such as soap 50 per cent, increases the life of the linen 75 per cent, and reduces the time of washing 25 per cent. After the water leaves the softener it is heated to exactly the proper degree before it is placed in the washing machines.

These nine machines have a total capacity of 5500 table cloths every hour, which includes the time required to load, wash and unload. After washing, the linen is placed in the extractors, which remove the surplus water. There are nine of these extractors, and their operation requires fifteen minutes for large pieces such as table cloths, and ten minutes for small pieces.

From the extractors the linen goes to the shaking tumblers, large wooden cylinders which operate with an oscillating movement and thoroughly shake up and loosen the linen, so that when it is removed it merely requires to be smoothed out, and retains just sufficient moisture to be

ready for ironing without sprinkling or further attention.

Table cloths, napkins and similar articles are ironed by flat work ironers, which are a series of large rolls through which the linen is run. There are three of these ironers, with a capacity of over 15,000 table cloths a day.

Press 1200 Coats

Starched work, such as waiters' coats, aprons, uniforms, etc., are ironed on hand-operated presses, of which there are twelve, handled by six operators. This battery of presses has a capacity of 1500 coats every six hours, the average work performed being about 1200 coats daily.

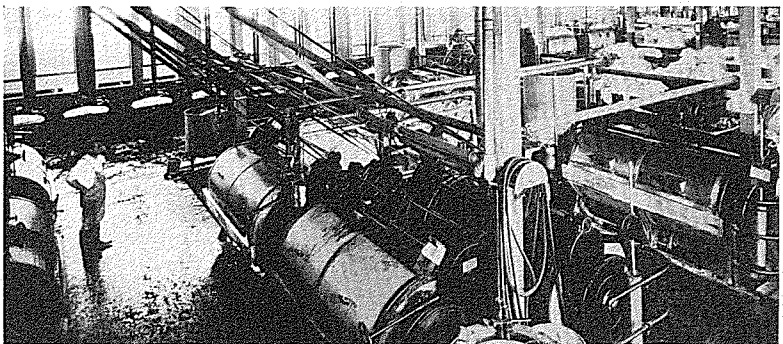
After ironing, the linen passes to the folders and assorters, who perform the two operations at the same time. There are three grades of linen, all the same quality, but graded according to age—the new, slightly used, and worn. As the napkins, table cloths, etc., are folded, they are placed in three piles, according to

their classification, and each article found to have the slightest mark, stain or damage is laid aside for further attention or repairing.

It is interesting to watch the employees at work. Every step is standardized. There is no lost motion, no wasted effort. So many moves place a piece in the ironer. So many motions fold it. Each napkin must be placed in such a position and so folded that the Company medallion will be in the exact center and facing the customer when seated at the table. It takes just five motions to do this. The whole laundry operates with clock-like precision. It must or it could not be so efficient.

It has taken you from five to six minutes to read this. If it was only five, then, while you were reading, the laundry has washed and ironed 470 pieces of linen, or about the equivalent of the average family's monthly washing.

How would you like to try that on your washboard?



The washing machines. There are nine of them in the laundry and they can wash 42,000 tablecloths in a day.

W. P.-G. N. Project Offers the Public Nothing But Unnecessary Investment Burden

AS a line for handling through traffic, the Great Northern-Western Pacific project in northeastern California "offers the public nothing but an additional and tremendous burden of unnecessary investment," Ben C. Dey, general attorney of the Southern Pacific Company, said in an address presented to the Sacramento Region Citizens Council at Grants Pass, Ore., May 11.

Noting that "the applicants do not claim much for their projected line as a creator of new traffic," Mr. Dey said that of the 200 miles of railroad proposed between Klamath Falls, Oregon and Keddie, California, "130 miles would be an unnecessary duplication of existing facilities and the remaining 70 miles would be located in territory not capable, in our opinion, of producing sufficient traffic to warrant the construction; and even in that territory, if a railroad were justified, it could be more economically served by extension of existing lines in the territory."

Mr. Dey stated that the construction proposed by the Western Pacific and Great Northern would offer no shorter route. On the other hand, he pointed out it would be at least 77 miles longer between all principal points of production and consumption. Nor would the Western Pacific-Great Northern line offer any wider market.

"There are no markets in the United States at this time that are not being reached by Southern Pacific through its through routes and interchange with other transcontinental lines, including the Great Northern and Western Pacific," said Mr. Dey. "The construction of this new project will not change the situation in the least. Markets in the Northwest are now available to California shippers, and markets of California are now available to points in the Northwest, just the same as they will be if the Great Northern-Western Pacific extension is constructed."

"No lower rates are offered, but in place merely an increase in transportation costs is threatened," said Mr. Dey. He cited interpretations of the Transportation Act of 1920 by both the Interstate Commerce Commission and U. S. Supreme Court to show that the existing law is designed to prevent interstate carriers from constructing superfluous lines which might increase the burden of waste upon the public.

"It is clear," he continued, "that under the theory of existing law construction of new railroads which must depend for support largely upon the traffic that can be diverted from ex-

isting lines will necessarily add to the total bill the public must pay," as well as weaken the character of service rendered by such existing lines."

The speaker pointed out that rates between California and cities of the North are necessarily low, inasmuch as they are governed by low cost of water transportation. "In fact," he added, "there is no lower rate basis anywhere in the United States than between California and the Northwest."

Mr. Dey declared that not only does "the Pacific Ocean parallel to the rail line forever bar a transportation monopoly along the Pacific Coast, but that in addition we have competition on the highways reaching every village and city served by the railroad as well as the beginnings of competition by airplane."

As to the situation with respect to railroad competition, he pointed out that in Oregon, Southern Pacific is faced with the Great Northern, Northern Pacific, Union Pacific, and Spokane Portland & Seattle Railway as well as the Oregon Electric, owned by the northern lines, extending almost the full length of the Willamette Valley; and in California Southern Pacific must compete with three transcontinental lines.

In connection with the talk of com-

petition, Mr. Dey stated it is amusing to note that for a long time the Great Northern organization has put forth great effort in the Pacific Northwest to arouse public interest against railroad competition that results from the highly competitive lines of the Great Northern and Northern Pacific. He pointed out that the proposed consolidation of those lines is now pending before the Interstate Commerce Commission.

"They have represented that if the ruinous competition can be brought to an end, there will be a saving of millions annually in operating expenses and other charges to the lasting benefit of the public. These claims are in violent conflict with their present utterances."

Replying to charge of the Western Pacific that "in the Sacramento Valley rail competition ends at Chico and does not reappear until we reach Oregon," Mr. Dey said the district mentioned has a splendid railroad with frequent passenger and freight train service, ample car supply, and every modern transportation facility.

"The only possible effect the Western Pacific project would have on the territory in question," said Mr. Dey, "would be to divert enough traffic from the existing line to result in less frequent and less effective service."

Facts Correct Misleading Statements

A NUMBER of misleading statements have been made by proponents of the proposed Western Pacific-Great Northern line between Klamath Falls, Ore., and Keddie, Calif. Some of these are mentioned herein and the facts given so that Southern Pacific people may be in a position to refute such statements.

Broad generalities as to new markets which would be opened by the proposed new line have no foundation in fact and should be answered by request that the statement be made more definite. As a matter of fact no advocate of the proposed line has been able to name a single new market that would be opened or developed for any product of any state.

The assertion that "the territory served by the Great Northern Railway in the Northwest is capable of consuming large quantities of citrus, canned and dried fruits, grapes, melons, nuts and raisins, vegetables, sugar and manufactured articles produced in California and in the southwestern section of the United States," with the implication that there is not now a free flow of traffic between the

regions mentioned, is misleading.

The facts are that the territory served by the Great Northern is now open to California by a shorter route than would be offered by the proposed line. This is via Southern Pacific to Chemult and thence over the Great Northern's own lines, a route 77.7 miles shorter between San Francisco and Spokane than would be the proposed new route. As the Northwest already receives all the tonnage of California and other products that its markets can consume, it is obvious that the proposed line would have no influence toward increasing consumption.

The same answer applies to the statement that the Northwest is a large producer of articles for which there is a demand in California, and which demand would be developed by the proposed line. The proposed line merely would offer a longer route, and could not influence the development of any market for any of these Northwest products.

The public is being told that the proposed connection between the lines of the Great Northern and the Western Pacific will furnish a new and

much shorter rail route lying entirely east of the Cascade mountains between Spokane and a large portion of the Northwest.

This is a mis-statement of facts. The proposed line would not furnish a new rail route, as this route already is available via Great Northern and Southern Pacific. The proposed construction would do nothing but substitute Western Pacific for Southern Pacific through a certain portion of the country. As Southern Pacific serves a great portion of California it would be necessary in many instances to use three lines instead of the two now operating.

Longer Route

The proposed route, in place of being "much shorter," would be much longer, as indicated in our booklet "Adequate Transportation Must Not Result in Wasteful Duplication."

As a matter of fact the proposed line would be 532 miles longer between Spokane and Salt Lake City, and 362 miles longer between Portland and Salt Lake City than the existing lines of the Union Pacific.

On account of these greater distances service on the proposed line would be inferior to that now available.

Speakers for the Great Northern-Western Pacific have been emphasizing the proposed rate merger with the Santa Fe. This so-called merger, announced recently through the press by Great Northern-Western Pacific, offers nothing new to Pacific Coast shippers.

The statement that the proposed merger will provide a new basis for

Hundreds of Employees in S. F. Meeting

SAN FRANCISCO learned on the night of May 21, that any danger that threatens Southern Pacific means a menace to the welfare of a large number of men and women.

More than 3000 Southern Pacific employees and their families filled to overflowing a meeting at which Sherman Burke, assistant industrial agent, explained the various applications of the Western Pacific and Great Northern Railways, in their attempt to divert revenues from the Southern Pacific. W. W. Adams, chairman of the local committee of adjustment of the Order of Railway Conductors, followed Mr. Burke. He explained the personal interest of each employee in the various issues.

Before adjournment the assembled employees adopted a resolution requesting the Board of Supervisors of San Francisco to answer the request of the Great Northern and Western Pacific for an endorsement of their applications by "an unequivocal statement in support of Southern Pacific's contention that proposed line is merely an unnecessary duplication of existing adequate facilities."

Scottish Rite Hall proved to be too small for the attendance and an adjoining room with a capacity for about 1500 more people was commandeered. Even with this extra space, many hundreds were unable to get in. After the speaking hours were cleared and the rest of the evening was spent in dancing.

rates to the Northwest and Inland Empire is without ground. The rate merger apparently proposes to establish a line of rates by way of Stockton and the Santa Fe to duplicate the present rates via Santa Fe Stockton and Southern Pacific and its connections including the Great Northern between points in California on the

one hand and points in Oregon and Washington and territory beyond, on the other.

What is proposed is nothing new. It merely duplicates rates now carried over the Southern Pacific. For many years the Southern Pacific and the Santa Fe have had an understanding that rates between Santa Fe points south of Stockton and points on the Southern Pacific and its connections in Oregon, Washington, Idaho, Montana, and beyond, should be on an equality with the rates in effect via Southern Pacific to or from the common or opposite station. In other words, an agreement to maintain a competitive route in connection with the Santa Fe via Stockton placing the Santa Fe on an equality with the Southern Pacific.

Under this understanding, to the extent the Santa Fe has desired to participate in this north and south traffic, it has done so. Whatever rates are in effect today via the Southern Pacific that are not also applicable from relatively located points on the Santa Fe are not ineffective to any fault of the Southern Pacific.

Same Rates Now

Rates upon fruits and vegetables, both fresh and dried, nuts, canned goods, manufactured products northbound, dairy products, forest products, cereals, and upon manufactured products southbound, and a very complete line of rates both north and south bound are in effect today.

Southern Pacific has these rates in effect via Portland in connection with all lines out of that point and has recently established rates in connection with the Great Northern via Chemult,

near Klamath Falls, in order to handle traffic between Spokane and the inland territory. This will give shippers a choice of two routes, one via Portland and one via Chemult and affords more liberal diversion opportunities than can be made available by proposed route. These rates and choice of routes are in line with policy Southern Pacific has followed for purpose of maintaining a very open interchange with all railroads to provide shippers the best possible service and variety of routes. This policy makes unnecessary the construction of additional and duplicating railroad lines.

What the Western Pacific, Great Northern and Santa Fe now propose is nothing new since it duplicates rates and services already offered via Southern Pacific. Also their proposal does not give any additional route except to the extent that it would permit the utilization of Western Pacific instead of Southern Pacific north of Stockton, if allowed to connect at Lookout. This is a less desirable route than now offered by Southern Pacific via Chemult or Portland.

New Gas-Electric Cars Will Be Used in Suburban Service

For use in connection with its present steam trains in suburban commuter service Southern Pacific has ordered 21 new type gas-electric cars, which will be ready for operation this Fall.

The cars will be equipped with the most up-to-date devices for lighting, heating and ventilation, and were ordered only after exhaustive tests as to their speed, adaptability and comfort.

Five of the new cars will be placed in service between San Francisco and San Jose, four on the Western Division, four on the Northwestern Pacific, and eight will be used by the Texas & New Orleans Railroad.

The nine cars for the Pacific lines include five 600-horsepower double end control, 74 foot, all-steel cars with a seating capacity of 62 passengers, and four all-steel combination passenger and baggage cars equipped with 400-horsepower engines.

The Northwestern Pacific cars consist of two 600-horsepower, double unit combination baggage and passenger cars, and two 400-horsepower single unit combination baggage and passenger cars.

The Texas & New Orleans Railroad cars consist of two 300-horsepower and six 400-horsepower all-steel cars.

SOLID IOVRO

Dumb: "Do you know what 17,282 elephants were needed to make billiard balls last year."

Dora: "Oh, my isn't it wonderful that such big beasts can be taught such exacting work?"—Exchange.

Shippers Support S. P. in Opposition

SHIPPERS, the men most vitally interested in maintaining efficient rail transportation, have organized to oppose the proposed Great-Northern-Western Pacific construction from Klamath Falls, Oregon, to Keddie, California, in a region now adequately served by Southern Pacific lines.

The Shippers' Committee of the Good Railway Service Association was formed at a San Francisco meeting May 17, 1929, attended by shippers from California, Oregon, Nevada and Utah, representing 750,000 carloads annually. They have signified their intention of intervening before the Interstate Commerce Commission against the proposed rail building, believing that it would impose an unnecessary burden of investment and operating costs upon the public.

The sponsors of the committee, which is adding new members daily, include:

California

AUTUMNS: Frank McArthur, cattleman; T. A. Walters, banker; P. S. Durris, president California Cattleman's Association.
ALABAMA: E. K. Taylor, attorney.
ARIZONA: Dallas Gray, fruit shipper.
BAKERSFIELD: Stanley Pratt, San Joaquin Cotton Co.
BERKELEY: Robert Spivak, controller, University of California.
CALIFORNIA: T. J. West, cotton grower.
CEES: T. E. Wilson, warehouseman.
CHICKEN: E. Hart, Ngr., Bank of Philo.
FLORIDA: Harry Deveney, cotton grower.
LOS ANGELES: Judge W. Boyd Smith, president Chamber of Commerce.
DENVER: C. H. Hild, president Chamber of Commerce.
EUGENE: F. W. Georgeson, Editor, Humboldt Standard.
EXETER: Roy Pinkham, Pinkham Holdings Co.
FRESNO: A. J. Wilson, president San Joaquin Light and Power Corp.; B. A. Cagnon, vice president and general manager, Sugar Pine Lumber Co.; A. Setrakian, Midstate Horticulture Co.
HANFORD: George C. Aydelott, Hanford Ice Co.
HAYWARD: W. T. Knigly, manager Haywood branch, Bank of Italy.
LEWIS: H. H. Lindsay, Lindsay Ripe Olive Co.; Charles Burr, Burr Fruit Co.; W. O. Johnson, president Lindsay Ripe Olive Co.
LOS ANGELES: H. S. Hazeltine, president American Fruit Growers' Association; Leslie D. Henry, manager Hythe Company, Los Angeles and Pasadena; W. H. Rossetti, executive vice president, Farmers & Merchants Bank; Rex S. Sawyer, traffic manager Associated Packers and Manufacturers; Carlyle George, president California Walnut Growers' Association.
LONG BEACH: Fred Bixby, cattleman.
MARKVILLE: Reginald Clemence, orchardist.
MADER: Capt. John R. Graham.
MONTREAL: R. Howard, shipper and fish packer.
OAKLAND: Howard Baxter, Automobile Supply Co.; L. V. Graham, general manager, Chicago Lumber Co.; Joseph H. Hunt, Hunt-Hatch Co.; Leo Jacobs, president S. T. Johnson Rotary Oil Burner Co.; Ray H. Monahan, president and general manager, G. & M. Gravel Co.; B. Post, president, Oakland Bank; Willard W. White, White & Pollard, real estate.
ORANGE: Charles L. Hill, traffic manager California Wire and Cable Co.
PALM ALTO: T. P. Pattison, attorney.
PATTERSON: J. D. Patterson, Patterson Cotton Co.
PETALUMA: J. E. Olmstead, publisher Petaluma Argus-Courier.
RELANDS: C. T. Estley, general manager Mutual Orange Distributors.
RENO: C. E. Hansen, real estate, member of City Council; E. M. Downer, president Mechanics' Bank.
SACRAMENTO: J. L. Flanagan, president

Down Town Association; J. H. Stephens, president Mechanics' Bank; W. P. Dwyer, president California Transportation Co.; SALINAS: Arthur C. Hayward, Hayward Lumber Co.
SANTA CLAUD: Chas. E. Capps, banker and merchant.
SAN DIEGO: John F. Forward, Jr., president Union Title & Trust Co.
SAN FRANCISCO: Sam T. Breyer, Gerson & Breyer, merchants; J. S. Curran, banker; F. J. Koster, president, California Barrel Co., Inc.; John H. McGilvray, president McGilvray Raymond Co.; J. D. Ryan, Colma Redington Co.; H. H. Ryan, president, Union Pacific National Bank; D. V. Maffei, vice president Italian Chamber of Commerce.
SANTA ROSA: J. H. Bassett, lumber; W. S. Clayton, president First National Bank; V. T. McGowan, grocer and shipper.
SANTA BARBARA: E. H. Olson, real estate; T. Paul Daisel, president California Lettuce Growers' Association.
SANTA CRUZ: Samuel Lezak, merchant.
SANTA ROSA: Frank P. Doyle, banker and agriculturist; director U. S. Chamber of Commerce; director Golden Gate Bridge Board.
SALINAS: Eugene J. Jones, rancher.
STOCKTON: Fred R. Reemman, traffic manager Atlas Rock Co., commercial American Legion Post; J. J. McDonald, fertilizer business; L. E. Meyers, agricultural implements; Arthur E. Roberts, engineer Hobbs-Parson.
SUNRVILLE: Geo. M. McIlwain.
TERRA BELLA: C. L. Young, orange shipper, Terra Bella Fruit Co., manager Tagers Ranch.
TULARE: B. F. Waymire, perishable freight shipper.
UTAH: A. R. O'Brien, editor, Utah Republic Press.
VIRALIA: Phil M. Raier, fruit grower and shipper.
WERNVILLE: T. J. Horgan, T. J. Horgan Co.; Trei C. H. Baker, Luna Fruit Co.
WYATLEY: W. W. Cox, rancher and woodlumber.
WOODLAND: W. N. Hoyce, manager Woodland Plumbing Supply Co.

Nevada

ELKO: H. L. Bartlett, president Bartlett Lumber Co.
MILBURN: H. F. Dangberg, president Nevada Livestock Association.
MEXICO: Geo. A. Campbell, general manager Sierra Pacific Power Co.; George Wingfield; L. Richards, president Reno movement Association; J. C. Durham, Durham Chevrolet Co.
SPARKS: E. C. Mulachy, publisher Sparks Tribune.

Oregon

EUGENE: E. O. Immel, attorney; J. S. Maglaby, president Willamette Valley Lumbermen's Association; J. H. Koze, capitalist.
KLAMATH FALLS: H. D. Mortenson, Pelican Bay Lumber Co.; A. J. Noye, vice president Big Lake Box Co.
MINOR: E. G. Gaddis, president Gaddis & Dixon Co., wholesale distributor; Raymond R. Reter, manager Pinckney Packing Co., Inc.; Floyd H. Hart, vice president Tomlin Box Co.
MERRELL: R. H. Anderson, rancher.
MODOC POINT: W. E. Lamm, Lamm Lumber Co.
PORTLAND: J. O. Eldred, president Umpqua Mill & Lumber Co., president Big Lake Logging Co., president Elrod Terminals & Warehouse; L. C. Newlands, president Oregon Portland Cement Co., president San Oregon Cement Co.; Charles N. Spaulding, president Spaulding & Paper Co., president Spaulding Logging Co.
SALEM: Louis Lachmand, president California Ice & Cold Storage Co., president Drager Fruit Co.

Utah

ODER: Charles H. Barton, president National Bank of Commerce, Union Stockyards; J. Parker, president American Packing & Produce Co.
SALT LAKE CITY: F. B. Cook, banker; C. P. Cahoon, general manager Salt Lake Press Brick Co.

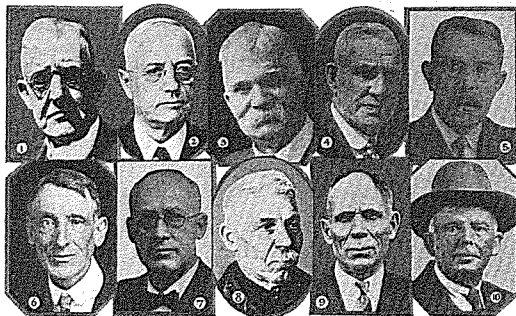
A CLOSE CALL

Kas (after a narrow escape at a railroad crossing): "Whaffo yo' blow yo' ho'n? 'At ain't gwine do yo' no good."

Tus: "Boy, 'at wa'n't my ho'n. 'At was Gabriel."—Exchange.



Coast Division officers, employees and visitors who attended meeting at San Francisco on April 30 when a Trophy Cup was presented Superintendent E. R. Anthony as the permanent possession of his division for having made the best record in fuel saving for three consecutive quarterly periods.
Top Row, Left to Right: J. Kelley, fireman; W. C. Filford, road foreman of engine; J. T. O'Connor, conductor; V. G. Cottrell, clerk; H. T. Moore, engineer; W. Hoogeny, engineer; T. A. Hiscor, engineer; J. T. Moore, engineer; H. N. Hicks, chief clerk; G. D. Hason, stationmaster.
Second Row: F. H. Deven, roadmaster; E. D. Dutton, roadmaster; W. B. Van Horn, engineer (Shasta Division); W. Vandewater, roundhouse foreman; J. N. Clark, chief fuel supervisor; J. J. Oyon, chief dispatcher; E. R. Anthony, superintendent; J. J. Jordan, assistant superintendent; L. D. Courtmarsh, engineer; G. Kaudon, fuel clerk; J. M. Cardwell, trainmaster; J. G. Selden, general yardmaster; W. M. Lloyd, engineer; H. C. Van Zandt, fireman; A. Forster, signal supervisor; C. E. Gray, engineer (Stockton Division).
Third Row (seated): J. M. Roche, Engineer; W. B. Ray, asst. Road foreman of engine; J. H. H. Wallis, roadmaster; F. C. Kemp, district stockkeeper; C. H. Malone, engineer; E. F. Hoover, engineer; O. H. Christiansen, boiler; E. J. Beck, fireman; J. J. Castellani, fireman; F. L. Guy, division engineer.
Fourth row (standing): L. P. Hopkins, trainmaster; J. Phillips, engineer; W. Jones, engineer; P. Jolly, engineer; C. E. Vallandigham, fireman; O. Anderson, water & fuel supervisor; P. Goulden, roadmaster.



Veterans of Southern Pacific who have recently been retired on pension. Names are shown in list at bottom of this page. A photograph was not available of Will Evans. Story about the service of Albert Brown and James Ruddiman appears on another page of the Bulletin.

Engineer Heads Pensioned Veterans

ALBERT E. BROWN, locomotive engineer with a railroad career of 52 years, heads, in point of service, a list of veterans who were retired on pension at meeting of the Pension Board, April 24. The story about his service, as well as that about James Ruddiman, painter foreman, car department, Brooklyn shops, who retires after 41 years 11 months' service, appears elsewhere in this issue.

Albert D. McKinnon, locomotive engineer, East Bay Electric Division, was re-employed by this Company in July, 1894, on the Western Division, and has worked continuously since as engineer, retiring at the age of 62 years 11 months, after 34 years 6 months' service.

Thomas Goodwin, tinsmith, Sacramento Shops, is retiring at the age of 60 years 11 months, after 34 years 5 months' service. He entered the service as a tinsmith September 21, 1894, and has been so employed until his retirement.

Walter K. Ordway, warehouseman, Stockton Division, was first employed in April, 1897, as assistant warehouseman at Oakdale, Calif. In October, 1899, he was made car inspector at Oakland, returning to Oakdale as warehouseman in January, 1900, where he remained until his retirement at the age of 69, after 32 years' service.

David Adamson, general foreman, Los Angeles shops, is being pensioned at the age of 70, after 30 years 6 months' service. He was employed November 28, 1898, as machinist in the Los Angeles shops, and later was promoted to foreman, in which position he continued to the time of his retirement.

Will Evans, collector, Southern Pacific Steamship Lines, New Orleans,

was employed in October, 1898, as check clerk. In February, 1905, he was made assistant delivery clerk, where he continued until July 1, 1919. On that date he was promoted to collector and remained in that position until the time of his retirement.

Eugene Gordon, master mechanic at Tucumcari, New Mexico Division, is retiring at the age of 65 years 3 months, after 27 years 8 months' service. He entered the service of the El Paso & Northeastern on July 6, 1901, as foreman. In August of that year he was made locomotive engineer. In February, 1902, he was promoted to road foreman of engines, in which capacity he remained until February, 1908. On that date he was made master mechanic, serving in that capacity until the time of his retirement.

Clarence A. Taylor, brakeman, re-entered the service of the Company October 13, 1901, as brakeman, and was so employed until his retirement at the age of 68 years 8 months, after 27 years 5 months' service.

Edwin J. Westervelt, agent and telegrapher, Tombstone, Arizona, is retiring at the age of 65, after 27 years' service. He was employed

February 4, 1902, as clerk at Naco, Ariz. In April of that year he was made telegrapher at Hachita, N. M., and in May transferred to Fairbank as agent and telegrapher. He worked at several points in Arizona and New Mexico during the subsequent years, at the time of his retirement being located at Tombstone.

John Graff, deliveryman, district stores, Sacramento, was employed July 16, 1902, at Sacramento as laborer, Motive Power Department. March 1, 1912, he was put on as teamster and was so occupied until June 30, 1913. From the latter date he has been employed as deliveryman, retiring at the age of 70, after 26 years 9 months' service.

Antone Gama, cabin watchman, Steamer Division, is retiring at the age of 61 years 1 month, after 23 years 10 months' service. He was employed May 9, 1905, as deckhand, working on various steamers from that time until 1925, when he was made cabin watchman, and has been so employed from then until the time of his retirement.

William H. Wilson, towerman, Los Angeles Division, was re-employed June 1, 1905, as signalman, San Joaquin Division. In 1912 he was made towerman, in which capacity he remained until his retirement at the age of 65 years 6 months, after 23 years 9 months' service.

Arthur Becomes Office Manager to Traffic Manager Clapp

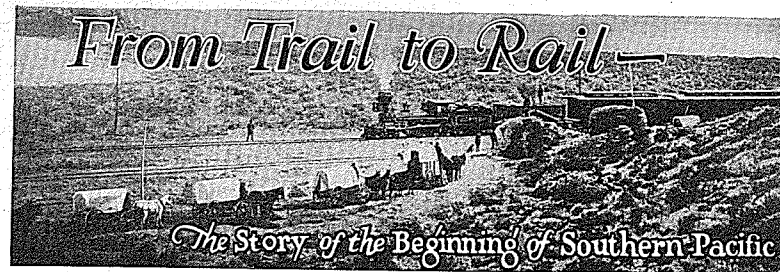
W. W. W. Arthur has been appointed office manager to E. W. Clapp, traffic manager at Chicago.

Mr. Arthur, who is best known to his many railroad friends as "3W. A.," entered the service as chief clerk to W. G. Neimyer, general western agent, Chicago, in April, 1891. On March 1, 1913, he became chief clerk to L. J. Spence, director of traffic, New York. On June 1, 1925, he was made chief clerk to vice president in charge of traffic, Chicago, and on July 1, 1926, chief clerk to Mr. Clapp.

Mr. Arthur has a host of friends among Southern Pacific and other railroad men in New York and Chicago, who will be glad to hear of his latest advancement.

Recent Additions to S. P. Honor Roll of Pensioners

Name	Occupation	Location	Service, Yrs., Mos.
Albert E. Brown	Locomotive Engineer	Sacramento	32 0
James Ruddiman	Painter Foreman	Brooklyn	41 11
1 Elbert D. McKinnon	Locomotive Engineer	Oakland	34 6
2 Thomas Goodwin	Tinsmith	Sacramento	34 5
3 Walter K. Ordway	Warehouseman	Oakdale	32 0
4 David Adamson	General Foreman	Los Angeles	30 6
Will Evans	Collector	New Orleans	30 5
5 Eugene Gordon	Master Mechanic	Tucumcari	27 8
6 Clarence A. Taylor	Brakeman	San Francisco	27 5
7 Edwin J. Westervelt	Agent-Telegrapher	Tombstone	27 0
8 John Graff	Deliveryman	Sacramento	26 9
9 Antone Gama	Cabin Watchman	San Francisco	23 10
10 William H. Wilson	Towerman	Van Nuys	23 9



(Continued from last month)

THIS history has already referred to the Pecos river in relation to the construction of the original line and the building of a bridge across its mouth at the Rio Grande late in 1882. But the canyon of the Pecos later become of more significance when its crossing at a point several miles north of the original bridge, created a material increase in operating efficiency and developed one of the most remarkable railway structures in existence, the highest bridge in the United States and the fourth highest in the world.

To Major James Converse, former general superintendent and chief engineer of the line, Julius Kruttschnitt, then general manager of the Texas and Louisiana lines, gave credit for first suggesting crossing the Pecos canyon on a high viaduct and later, after several reconnaissances had been made, the original survey made by Major Converse, with some changes, was adopted by Mr. Kruttschnitt.

Pecos High Bridge

The Pecos viaduct as originally constructed was 2180 feet in length and 326 feet above low water of the Pecos river. The metal contained in the bridge weighed 3,228,277 pounds. Construction on the new route of which the viaduct was the chief and most interesting feature, was begun in March, 1891, and the line was completed about October of the same year. The masonry of the bridge piers, constructed mainly of rock cut from the bottom of the canyon and floated to location, was finished in November. The bridge was turned over complete to the company in March, 1892.

The problem of erecting such a high and massive structure was one of great moment. The contractors designed and used a traveler with an overhang of 124.6 feet, probably greater than any traveler ever before used. This overhang was secured with a total wheel base of 57 feet, the traveler being counterbalanced and clamped to the completed sections. The bridge was made up of two cantilever arms eighty-five feet each, two tower spans thirty-five feet each, two

lever arms fifty-two and one-half feet each, one suspended lattice span eighty feet, eight lattice spans of sixty-five feet each, one plate girder span of forty-five feet and thirty-four plate girder spans of thirty-five feet each.

Average number of men employed by the Phoenix Bridge Company in erecting the structure was sixty-seven. The total number of working days consumed from beginning of erection to connecting the suspended span was eighty-seven, and for the entire completion of the work, 103 days. Resident engineer for the Galveston, Harrisburg & San Antonio Ry., was Major B. M. Temple with Asst. W. F. Kendall. The engineer for the Phoenix Company was J. T. Mahl. The floor, track, and metal hand railing were placed by D. K. Colburn, superintendent bridges and buildings. All ties and deck were covered with galvanized iron to protect against fire. The total cost of the bridge with piers was \$250,108.

In 1910, because of the vastly increased traffic, weight of loads and equipment, the viaduct was heavily reinforced and shortened 665 feet, 2,268,786 pounds of steel being added which makes the present weight 5,497,063 or 2,249 tons, the cost of the new work bringing the cost of the great bridge to \$382,396.

Change in the routing of the line from the mouth of the Pecos canyon to its present location shortened the line a trifle over eleven miles, eliminated two tunnels and reduced curvature from 10 to 5 degrees.

CHAPTER XL

Tying the Texas Lines Together: History of Houston & Texas Central and other Companies

THE history of nearly all the larger railway systems of the country finds its origin in the organization and construction of numerous small projects during the early stages of railroad development, with the later amalgamation of these properties into larger railway systems. The Southern Pacific lines in Texas may be considered an illustration of

this situation. In the present Southern Pacific system in that state there are included six corporations which at one time possessed separate entities.

No division of the Southern Pacific lines in Texas has been or is more intimately connected with the progress and prosperity of the state, and particularly that section known as north and central Texas, than the lines of the Houston and Texas Central Railway Company. This statement can best be appreciated by the fact that the Houston and Texas Central connects with its own rails the chief commercial centers of the commonwealth, including Houston, Dallas, Ft. Worth, Austin, Waco, Denison, Sherman, Corsicana, and, in combination with other divisions of the system, San Antonio and points in the valley of the lower Rio Grande.

Early Day Charter

While the Buffalo Bayou, Brazos and Colorado Railroad, now a part of the Galveston, Harrisburg & San Antonio Railway (S. P.) Houston to El Paso, was the first incorporated railway to actually begin the work of construction, the parent stem of the H. & T. C., the Galveston and Red River Railway, secured a charter from the state March 11, 1848, three years before the B. B. & C. began work, but as was similarly the case with other ambitious projects inaugurated with more enthusiasm than capital, the Galveston and Red River road, other than renewing its charter, as such extensions became necessary to prevent forfeiture, did nothing to permanently establish its being until January, 1853, when construction began at Houston with ultimate destination at Denison. As was frequently the case during the early period, track was laid with a five and a half foot gauge. September 1, 1856, the name of the company was changed to the Houston & Texas Central Railway Company.

The men behind the guns at this particular stage of the company's history were nearly all citizens of Houston and identified with the business of that city. Few of them were wealthy but what they may have lacked in

money, they more than made up by their zeal and faith in the future. Among these men were Paul Bremond, Wm. R. Baker, Wm. M. Rice, Cornelius Ennis, Wm. J. Hutchins, A. S. Ruthven, B. A. Shepherd, T. W. House, W. A. Van Alstyne, James H. Stevens, and Dr. Francis Moore.

According to Carroll's History of Houston, the first shovelful of dirt dug in the new work was thrown by Paul Bremond, January 1, 1853. When the first contractor realized the magnitude of the task ahead, he threw up his contract. Bremond, with no experience in work of the character required, took over the contract. It was not long before the road's available capital was exhausted, and into the "pot" went Mr. Bremond's resources and credit. Laborers were not paid, sub-contractors threw down their tools and quit. The laborers themselves decided upon drastic methods of securing their pay and arming themselves with clubs they sought Bremond, attacking his home and tearing down and carrying away the fences enclosing it. Finally, surrounded by the angry men, Bremond, despite that he was no orator, literally talked himself out of his predicament, convincing the mob he was their best friend, and again secured their support and aid. It is said of Bremond that no man ever lost a cent through him. He paid, and willingly. His faith in the venture was sublime and he indefatigably rounded up every possible resource, his enthusiasm maintaining even when everything seemed at an end.

It took Bremond and his associates five years of grueling and arduous effort to carry the road to a point fifty miles from Houston. When the rails reached Hempstead, the worst was

over, as the rich lands of the Brazos Valley and their products were made available and earnings began to accrue.

It had required two and a half years to carry the track to Cypress, 25.96 miles north of Houston, and it was in June, 1858, that the rails reached Hempstead. In March, 1860, Millican, some 80 miles distant from Houston, was the extreme terminus of the road and there it remained for a long period or until February, 1867, although grade and ties had been established as far as mile post 125 in the vicinity of Hearne.

In 1857, the equipment, according to Roberts' History of Texas, consisted of two locomotives a trifle more powerful than the "General Sherman" then in use on the B. B. & C., three diminutive passenger coaches, ten closed or box cars, and ten platform or flat cars. Construction did not halt from lack of power as one of the locomotives was put into service when only two miles of track had been laid. With the arrival of the first locomotives, here came also C. A. Burton, who ran the first engine on the then embryo railway and later became general superintendent of the road.

Effect of Civil War

April 2, 1861, the franchises and property were sold to D. H. Paige and W. J. Hutchins by the sheriff of Harris County, testimony again of the difficulties encountered in railroad development at a time when the entire country was grappling with the problems that finally caused the civil war. On April 8, 1862, a new company with the same name was organized by these gentlemen and their associates. The contest between the states ended all prospects of securing capital necessary to carry on the work further and

during the next several years the H. & T. C. "marked time."

An advertisement in the Texas Almanac, published in early 1861, suggestive of H. & T. C. service, shows operation of freight train daily in each direction, Houston and Navesota, Texas, 75 miles, on a six hour and fifteen minute schedule. Mail trains also ran daily between the two points, making the run in three and a half hours.

Connection was made at Navesota with stage lines to Dallas and intermediate towns, and at Hempstead with the Washington County Railroad to the Brazos River, and thence by stage to Austin, the State capital, and the intervening communities.

Washington County Railroad

While the H. & T. C. was in the throes of difficult construction, the citizens of Washington county, which jurisdiction formed the western bank of the Brazos River, west of and several miles distant from Hempstead, gathered their aspirations and resources and chartered the Washington County Railroad Company. The incorporation was on February 2, 1860, but the actual date of organization is not of record. The objective of the promoters was to run from Brenham to some point on the new line of the H. & T. C. Between the date of incorporation and October 1, 1860, the company constructed a trifle over 21 miles of track extending from Brenham to Hempstead, including the absorption of the charter and grade of the "Air Line Railway." Hempstead to the east bank of the Brazos River.

While some character of operation followed the construction of the short line, the records are vague in this direction. Whatever had been accomplished, the agitation due to the impending conflict compelled the virtual abandonment of service in early 1861, and little or no activity followed until the acquisition of the Washington County road by the Houston & Texas Central in August, 1870. The property was sold under foreclosure June, 1868, to Wm. Sledge, and on March 11, 1869, Sledge conveyed the road and its belongings to the H. & T. C., in which company it has since remained.

Thus, when the civil war ended, the period found that company in possession of a railway from Houston to Millican on the route to Dallas and a 21 mile road west from Hempstead to the route to Austin.

The first railroad in Texas to emerge from the financial demoralization created by the war was the H. & T. C. Work began at Millican in February, 1867, and rails were laid to Bryan and the road was in operation to that point by August, 1867. Following that date, track was constructed at a rate of 25 miles each year until July 15, 1871, when progress was appar-

ently pushed with greater rapidity. On that date construction begun at a point near Mexia and Dallas was entered in July of the following year. The remaining 73 miles to Denison was completed by March, 1873. The total main track constructed was 257.47 miles and practically twenty years had passed since Mr. Bremond threw the first shovelful of earth at Houston. It was a memorable date for the people of Texas, as development of the H. & T. C. into Dallas and Denison created connections of great importance to the traffic of the entire territory.

Line to Austin and Beyond

As mentioned in the foregoing, the Washington County Railroad Company abandoned operations in the early part of 1861, and in August, 1870, the property and its rights were acquired by the Houston & Texas Central. In April, 1869, construction was begun west from Brenham. The H. & T. C. continued the work, building to Austin by December, 1871, establishing permanent operation between that city and Houston.

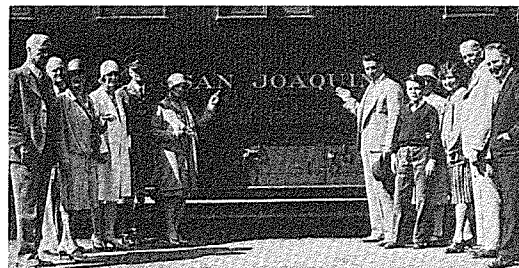
April 29, 1881, the Austin & Northwestern Railroad Company was incorporated and organization effected June 30 of the same year. A narrow gauge railroad was built from Austin in a northwesterly direction to Burnet, Texas, a distance of 60 miles, and operation was continued by its own organization to June 25, 1885, when it was sold under foreclosure to W. B. Isham, of New York, for account of himself and others. On November 5, 1887, Isham distributed to his associates their respective interests in the property and on November 7, Isham and these associates conveyed the property to the Austin and Northwestern Railroad Company.

No immediate action followed the conveyance and it was not until April 20, 1888, that a meeting was held for the purpose of reorganization under the charter terms. There then ensued a renewal of activity and between September, 1888 and May of the next year, track was laid from Burnet to Marble Falls, a distance of 16.50 miles, and from Fairland, a point nearly midway between Burnet and Marble Falls, to Llano, a promising village on the river of the same name, a distance from Fairland of 29.40 miles. On August 22, 1901, the property and franchises of the company were sold to the H. & T. C. and between February 19, 1902, and November of that year, a 23 mile line was constructed from Burnet to Lampasas, effecting a connection with the Santa Fe at that location.

The Waco-Bremond Line

One of the more important feeder lines of the Houston and Texas Central was the Waco Tap Railroad Company, incorporated November 6, 1866, the corporate name being changed August 6, 1870, to the Waco and Northwestern Railroad Company. Little is of record as to the promoters or date of active organization, yet be-

Raisin Day Queen was Guest of S. P.



Southern Pacific, as represented by C. M. Murphy, superintendent of San Joaquin Division, took an important part in the activities of Raisin Day at Fresno the latter part of April. Miss Genevieve Green, beautiful Porterville girl who was chosen Queen of the annual festival, traveled in state on Superintendent Murphy's business car from her home town to Fresno. A special breakfast was served on the car when Superintendent Murphy had as his guests those shown in the above picture, left to right—Mr. Murphy; Chas. C. Case, president of Raisin Festival Ass'n; Mrs. L. W. Green, mother of the "Queen"; Mrs. W. G. Baymiller; Major Z. S. Leymel, mayor of Fresno; "Queen" Genevieve and "King" Moseley Drury, famous athlete; Chas. M. Murphy, son of superintendent; Mrs. Z. S. Leymel, Mrs. C. M. Murphy, R. Hall, and Clayton Hinkle, represent the American Legion.

tween August, 1871, and the fall of 1872, the H. & T. C. constructed for account of the Waco & Northwestern Railroad Company, a standard gauge track from Bremond, a station on the H. & T. C. 142 miles north of Houston, to Waco, a distance of 44 miles, and through Waco to Ross, 11.37 miles. On February 4, 1873, the property passed into the control of the Houston & Texas Central.

According to one of the traditions envining the construction of the Houston and Texas Central divisions of the Southern Pacific, the rather exclusive little city of Waxahachie, lying south of and some thirty-two miles distant from Dallas, was designed to occupy space on the main line of the road as it was originally projected. As the result of the strenuous opposition of some of the more influential citizens of Waxahachie, who objected to the "rough element" the railroad would probably bring into the town, the line was changed and Waxahachie remained isolated until 1879, so far as a Southern Pacific connection was concerned. In that year, September 6, the rails of the Waxahachie Tap Railroad were brought into the town following an incorporation effected January 25, 1875, and a construction which began at Garrett on the main line of the H. & T. C. Railroad Company, February 9, 1875. The distance from Garrett to Waxahachie, as the road was built, was 12.57 miles.

The little property was operated by its owners from September 6, 1879, until August 22, 1901, when it was purchased by the Houston & Texas Central. Meanwhile, and following the incorporation of the Waxahachie Tap, the Ft. Worth and New Orleans Railway Company was incorporated June 13, 1885. Between the date of incor-

poration and December 6, 1886, this company constructed a standard gauge railroad from Ft. Worth, then a progressive and rapidly developing city, in a southeasterly direction to Waxahachie, a distance of practically 42 miles.

The Ft. Worth and New Orleans Railway was operated by the Houston & Texas Central from the date of its completion, and on August 22, 1901, the property was sold to the H. & T. C., this being also the date on which this company purchased the Waxahachie Tap or Central Texas and Northwestern Railway, as per charter change effected September 28, 1881.

This gave the Houston & Texas Central a Ft. Worth entrance and one which has proven of convenience and value to the parent road, while giving Ft. Worth the benefit of another outlet to South Texas and the gulf ports, and an easy connection through which could be directed traffic coming from the north and western sections of the state and from Colorado.

Completing the H. & T. C. system which had grown under the tutelage or influence of the H. & T. C. was finally established in July, 1914, with the building of the loop line from Eureka to Stella, connecting the rails of the H. & T. C. divisions with the main stem of the Southern Pacific to El Paso and thence to the Pacific. However, before this was consummated, a branch line had been built from Hutchins on the H. & T. C. near Dallas and south thereof to Lancaster, a distance of 4.75 miles. This was in 1889 or 1890. The branch was incorporated as the Lancaster Tap Railroad and passed into the control of the H. & T. C. September 30, 1905.

Incorporated May 18, 1891, the Hearne & Brazos Valley Railway Com-



Main Street of Houston, Texas, in 1884, looking north from Texas Avenue. Houston became the headquarters of the Galveston, Harrisburg & San Antonio Railroad Company early in 1877. The origin of this company was in the Buffalo Bayou, Brazos & Colorado Railroad, organized in 1850 as the first railroad in the country west of the Mississippi River. It is the oldest link in the lines that now make up the Southern Pacific properties.

pany built 16.42 miles of track from Valley Junction on the rails of the International & Great Northern Railroad south to Stone City, Texas. The road was destroyed by floods in 1899. It was rebuilt in 1900 and 1901 over a new location from Glass to Stone City, 16.50 miles, and later extended from Glass to Hearne on the main line of the Houston & Texas Central Railroad, with a total mileage of 19.47. The track Glass to Valley Junction was then abandoned. In June of 1914, the property was sold to the H. & T. C.

During 1911 the Southern Pacific reached a decision to create a shorter route between San Antonio and Dallas than that presented by the company rails via Houston. Agreement was concluded with the San Antonio & Aransas Pass, then an independent property, by the terms of which Southern Pacific trains could jointly use the tracks of the S. A. & A. P. between Flatonia, on the main route of the Southern Pacific, San Antonio and Houston, and Giddings, a station on the Austin division of the system.

Line to Stone City

On October 11, 1911, construction was begun on a standard ballasted track from Giddings with objective at Stone City where connection would be made with the once Hearne & Brazos Valley Railroad and the route opened into Hearne on the Houston & Texas Central. While the work was pushed as rapidly as possible, the character of the country to be traversed, creek and river bottoms, heavy rains and unstable foundation, did not permit of much expedition and it was not until September 10, 1913, that the line was completed into Stone City.

The route has proven its availability and is extensively used in the speedy movement of traffic with destination for Ft. Worth and Dallas and, through connections at various points, for destinations north and east. The new construction Giddings to Stone City was 39.27 miles, making the total to Hearne 57.83 miles.

The line between Mexia and Navasota, or more correctly Mexia Junction and Nettleva Junction, in a way parallels the main track of the Houston & Texas Central between those points, a distance of 94.06 miles. Its construction was commenced during October, 1905, and the line was available for traffic by December 16, 1906.

The brief description of the corporate properties and of the construction which make up the Houston and Texas Central Railroad Company, the north and south line of the Southern Pacific in Texas, covers in all 861.24 miles of main track. Operated as the Dallas and the Austin divisions of the system, they tie into the general transportation scheme and effect a combination which reaches into and traverses the most fertile sections of the state. The several terminals comprise the leading commercial centers.

Radio Program and Scotch Piper Feature Farewell to Portland Veteran

By L. W. JOHNSTON
Bulletin Correspondent, Portland

THE close of the working day on April 30, terminated the active railroad career of James Ruddiman, one of the most colorful figures in Portland railroad history. James, or "Jimmie" as he is better



James Ruddiman (left), painter foreman at Brooklyn, being congratulated by J. G. Ayers, blacksmith foreman, on his retirement which terminated a most colorful 22 years of service with Southern Pacific.

known, was born in Scotland on April 11, 1859, and extended the service of the Southern Pacific on May 7, 1887, as locomotive and coach painter. In 1898 he was made painter foreman, which position he has held continuously since that time.

During his 42 years of service at Brooklyn, he was a leader in all social and charitable activities. In spite of the rather exacting duties of his position, he found time to make a host of friends, was known and loved by all his fellow employees, and, for that matter, by hundreds not in railroad service, and was always an inspiration to those with whom he came in contact.

To fittingly celebrate the close of such a noteworthy service as Jimmie's demanded something unusual. To say that the ceremony was unusual is putting it mildly. At close of the working shift on April 30, a delegation of employees, headed by a Scotch piper in kilts (the secret is out—Jimmie is a Scotchman) waited upon Jimmie at the paint shop and escorted him to the tune of the bagpipe to the coach shop, where approximately 400 of the shop employees were gathered.

On the end platform of one of the coaches in the shop was temporarily installed the powerful radio receiving set which the employees had selected as their gift to him. Over this rendition of Texas, the future of each being surrounded with a promise of greater development and prosperity.

(To be continued)

ceiving set was heard the program of music and speeches arranged for the occasion, which were broadcast over radio station "KKL."

Speeches by Honorable Geo. L. Baker, Mayor of Portland; E. L. King, superintendent of the Portland Division; A. D. Williams, superintendent of motive power; C. L. Gibson, master mechanic; F. E. Cavender, master car repairer; A. L. Clem, general car foreman; D. M. McLauchlan, former master mechanic (now retired); and others, interspersed with musical selections by Southern Pacific Employees' Club orchestra, were broadcast during the half-hour period devoted to this program.

At the termination of the broadcast program, Mr. Ruddiman and the crowd were treated to some fifty Scotch dances by Miss Jean Drynan, accompanied on the pipes by David Gray.

"No man ever had a finer party," remarked Jimmie after it was all over. "I got the surprise of my life."

Picturesqueness was added to the occasion by the presence of J. F. Brady, who was blacksmith foreman at Brooklyn from 1871 to 1891. Mr. Brady, who in spite of his 93 years is still hale, hearty and spry, is one of the few men still living who were working at Brooklyn when Jimmie Ruddiman entered the service.

Other veterans present included C. H. Spencer, former chief dispatcher; S. W. Fryer, former general foreman; R. A. King, retired coach painter; and Ed Taylor, retired boilermaker.

Veteran Finds That Many Were Interested in His Welfare

Appreciation for the interest taken in his welfare by the personnel of the Hospital Department, Pension Department and Employees' Mutual Benefit Association, is expressed in a letter written by W. C. Battle to Miss Julia Mott, secretary of the E. M. B. A. Mr. Battle, formerly roundhouse foreman at Pacific Grove, was just recently retired on pension.

"I had always enjoyed wonderful health," he wrote, "and felt immune from human frailties. But finally nature said 'halt' and I went to the Hospital Department expecting a bottle of medicine would fix me up. I soon felt the touch of the mantle that envelops our welfare. Some one in the office very kindly led me to the 'faculty' and they went over me from A to Z. The doctors were care personified and the nurses were very tentative. But I had let myself slip too long to be restored to strong health."

California Editors Inspect Company's New Line



Members of the California Press Association photographed (above) at Merrill, construction camp where they had lunch. A spike driving contest (right) participated in by newspapermen, featured the editors trip.

SOUTHERN PACIFIC played host to the California Press Association last month when fifty members of the association, on their forty-first annual excursion toured through Modoc and Del Norte counties as guests of the railroad.

The delegation traveled by train from San Francisco to Lakeview, thence by Southern Pacific Motor Transport buses to Klamath Falls, Medford, Grants Pass, Crescent City and Eureka where they staged their annual convention.

The editors and their wives were taken over part of the new line now under construction between Klamath Falls and Alturas and participated in the work by staging a novel spike driving contest at Alturas.

Ex-Governor Friend W. Richardson, president of the California Press Association, dedicated the new line by driving a golden spike in the line near Merrill, where a special luncheon was given the editors in the railroad construction camp, under the direction of Division Engineer A. J. Barclay.

Will Spend Summer in Tour of America and Europe

After reading for several years the fascinating literature put out by the advertising department, Mrs. E. C. Scott, stenographer in the development and colonization department, finally fell a victim to its alluring appeal, and on May 15 departed on a three-months' sight-seeing journey which begins with a see-America-first trip via Southern Pacific and terminates in "furrin parts."

Mrs. Scott will be gone for three months, and during her travels will visit Italy, Austria, Germany, France, Switzerland, Holland, Belgium, England and Ireland.

Frank Carman, "Edison of S. P." Dies at Hollywood

Frank V. Carman, retired Southern Pacific employee, passed away at the home of his son in Hollywood on April 14, at the age of 77.

Mr. Carman, who retired on April 1, 1922, after 46 years and six months' service, was born in Missouri in 1851 and came to California in 1874. The following year he entered the service of the Central Pacific as a cabinetmaker in the West Oakland mill. He remained in the mill during his entire service, advancing from one position to another until he retired as superintendent in 1922.

During his active years with the Company, Mr. Carman was often referred to as the "Edison of the Railroad" by reason of the many machines and labor-saving devices invented and patented by him. His patents, all of which pertained to railroad devices, numbered 53, the more important of which were spike mole plug machine, car stake pointing machine, eight auger gang boring machine, curve stake engraving machine, traveling bed resaw for sawing around logs, double end baggage trailer truck, rail joint adjuster, rail profile instrument, tie adzing machine, non slip, steel grip, car moving bar, instantaneous fire hydrant, folding steel car stake and weatherproof joint box car door.

At the time of his retirement he was feted by his officers and fellow employees, and presented with a diamond-studded gold medal.

Mrs. Carman, a daughter and three sons survive him.

Recent Promotions

Effective May 1, S. E. Davis was appointed eastern car service agent with headquarters at Chicago.

On the same date Walter Harris was appointed engineer of train lighting-heating-ventilation at West Oakland, succeeding the late J. J. Hack.

Also on May 1, C. D. Vargas was appointed freight agent in the Traffic Department at Oakland, Cal.

E. Kirk was appointed assistant trainmaster at Susanville on May 16.

Customer (at grocery store, very much in a hurry): "Quickly please—give me a large mouse trap. I want to catch a street car."—Exchange.

Landlord: "I'm going to raise your rent next month."

Tenant: "Thanks, old thing. I was just wondering how I could do it."—Ex.

Traffic Men "Step Up" in L. A. District

FOLLOWING the retirement of E. A. Hamilton, city ticket agent at Los Angeles, and the resignation of J. C. Sands, former traveling passenger agent at Pomona, a number of promotions and changes in positions became effective in the traffic district of Southern California. Culminating approximately 40 years' service with Southern Pacific, E. A. Hamilton, city ticket agent at Los Angeles for the past 22 years, was retired from active duty May 15. He was tendered a banquet and pro-



E. A. Hamilton (left), agent at the Los Angeles town ticket office, who retires after thirty-two years' service. W. S. Farnell (center), who succeeds to Hamilton's former position at Los Angeles, and C. E. Crane (right), who succeeds to Hamilton's former position at Los Angeles Ticket Office.

posed a gold watch by fellow employees at the Hotel Alexandria the following evening. H. P. Monahan, district passenger agent, was toastmaster and C. L. McPaul, assistant passenger traffic manager, delivered the principal address, paying the compliments of Southern Pacific to the retiring railroad.

Attending the banquet was Mrs. Hamilton, who was accorded much praise for the success of her husband. A large bouquet of roses was presented her by Mr. Monahan on behalf of the Southern Pacific. A score of men who knew Hamilton when he began railroad service 39 years ago, in addition to a large delegation of passenger department employees, were also in attendance.

Hamilton entered the service in Sacramento September, 1890, and, after three months as a bill clerk, was transferred to the ticket office at the depot. He continued there until August, 1902, when he transferred to the city ticket office in Los Angeles, serving in the capacity of chief clerk. In 1907 he was made ticket agent, and during the World War saw the ticket offices of the large railroads merged into one office, he being made assistant agent of the whole force.

Hamilton is now on his way to Europe with his wife, but expects to return next fall to make his home in South Pasadena.

W. S. Farnell, for the last three years ticket agent at the Los Angeles depot, assumed the position of city ticket agent, left vacant by the retirement of Hamilton. Farnell has had 27 years' service with the Company, all of which has been in Los Angeles. He began as assistant cashier, and has held nearly every

position that brings the railroad-riding public into contact with the ticket-selling end of the business.

G. H. Kratka, assistant agent at the city ticket office, was selected to take the position of ticket agent at the Los Angeles station left vacant by the promotion of Farnell. He began with Southern Pacific at Santa Monica in September, 1905, where he worked as assistant agent for two weeks, when he was transferred to the Los Angeles station ticket office. For more than two years he worked at the station office as report clerk, cashier, and ticket salesman. He then transferred to the city ticket office, where he was ticket salesman and chief clerk, when he transferred back to the station as assistant agent, and was later made agent. For the past four years Kratka has been assistant agent at the city ticket office until his recent appointment as agent at the station office.

C. E. Crane was promoted from position of cashier to assistant agent at the city ticket office. He entered Company service nearly 30 years ago, when he began work in the San Joaquin Division as relief agent, and worked in various positions until

September, 1904, when he transferred to the city ticket office in Los Angeles. When the railroads merged ticket offices during the war, he was made chief cashier, and, following the dissolution, returned to the position of cashier, which position he filled until his appointment as assistant agent in the city ticket office at Los Angeles.

C. L. Bawtineimer has been promoted from cashier at the station ticket office to the same position at the city ticket office, after nine years in the former position. He began service in the San Joaquin Division as ticket agent and telegraph operator at Bakersfield in September, 1903. In July, 1908, he went to the Los Angeles station ticket office as report clerk and ticket seller, until his transfer to the city ticket office in 1910, where he remained for six years until he was made cashier, and, after two years in the city office, assumed the same position at the station. Now he is back at the city office as cashier.

Effective May 1, W. E. Campbell was promoted to traveling passenger

agent, Pomona, succeeding J. C. Sands, who recently resigned. Campbell entered Southern Pacific service January 16, 1909, as brakeman and transferred to the passenger traffic department July 1, 1920, as ticket seller. In August, 1922, he was made agent, ticket office, and in October, 1924, was appointed passenger agent, serving at the depot until 1925, and in the metropolitan district since.

H. E. Rice succeeds Campbell as passenger agent in the metropolitan district, Los Angeles. Rice entered the service in 1919, and was passenger agent assigned to service in Hollywood at the time of his promotion.

E. C. Kennicott succeeds Rice at Hollywood. He has been with the Company since March, 1917.

Ray McCuiston is appointed passenger agent, Los Angeles station, succeeding Mr. Kennicott. McCuiston entered service August 29, 1917, as telegrapher and transferred to the traffic department in January, 1926, being traveling agent at Riverside prior to May 1.

J. S. Stetler succeeds Mr. McCuiston at Riverside. He entered the service May 6, 1922.

L. A. Griffin succeeds Stetler as assistant agent at the station ticket



Following the retirement of E. A. Hamilton, these employees receive promotion in the Los Angeles Traffic District: Top Row, left to right: J. S. Johnson, agent Los Angeles & Pacific Electric Ticket Office; A. J. Howard, ticket agent at Subway Terminal; Agnes Frink, secretary to chief clerk, General Passenger Office; L. A. Griffin, assistant agent, Central Station; A. V. Bestor, chief clerk to district passenger agent. Bottom Row: Ray McCuiston, station passenger agent; H. E. Rice, city ticket office; Harry L. Woodward, ticket salesman; C. of C. Office; H. L. Massingale, ticket clerk, P. E. Office; and C. R. Ryan, chart clerk, Pullman Reservation Bureau.

office. Mr. Griffin entered the service February, 1922, as ticket seller, and was chief clerk to district freight and passenger agent, Los Angeles, prior to his last promotion.

Julius S. Johnson is transferred to C-2 ticket office, Los Angeles, succeeding E. J. Shoben, resigned, entered service November 7, 1911, as trucker at Oxnard. A year later he entered engine service.

A. J. Howard succeeds Mr. Johnson, being transferred from position of agent C-4 ticket office, Los Angeles.

H. A. Massingale, transferred from Long Beach ticket office to C-2 ticket office, Los Angeles.

Other employees promoted are shown in the group of pictures on this page.



Statistician-Philatelist

"EIN brief von heim" is the innocent German expression which, at the age of 7, started Arthur F. White, statistician in the president's



Arthur White, statistician in the President's Office at San Francisco, "sees the world" through the visions inspired by his remarkable collection of postage stamps.

office, on a lifetime of postage stamp collecting.

His next-door playmate, a little German lad, rushed over one day with the envelope which had contained a letter from the fatherland. The strange-looking stamp attracted young White. It was the first foreign stamp he had ever seen, and he wanted it. He wanted it so badly that he finally got it—and he has been wanting and getting stamps ever since. Today his collection numbers into the thousands and is growing in size and interest steadily year by year.

A great many stamp collectors are interested solely from the financial side, as some stamps are almost priceless, and many are constantly increasing in value. But with White it is the association and not the value that interests him. He uses his stamps, one might say, as tangible mental focal points.

All his life his great desire has been to "go places and see things" particularly remote, foreign countries. But one doesn't always get what he wants in this world, so White has had to do his traveling vicariously. The longing to wander in strange lands he satisfies by the voracious reading of works of travel and history.

The sight of a postage stamp from some remote corner of the world fires his imagination and starts him on a veritable orgy of study and investigation, and he thus regards his

stamps as impersonal but implacable mentors.

His collection to date includes stamps from six hundred different countries, and there are several hundred countries yet to be represented. An interesting experience he occasionally has is to get hold of a stamp from a country so little known as to be omitted from many up-to-date Atlases. Two interesting specimens of this character are from Alaouites, a province of Syria, and La Agueria, a Spanish province ten miles square on the northeast coast of Africa. It was a matter of many hours of research to locate these places.

Probably his most cherished stamps are of Samoan issue, and valueless save for their sentimental interest. These stamps were removed from letters written by Robert Louis Stevenson to a sweetheart in the United States. They were obtained by exchange with a grandnephew of the lady, so there is no question of their authenticity.

If one does not believe in the potency of this pastime to inspire White to study and research, he has only to spend a half hour with the collector to have his doubts removed. Names of hidden-away places roll trippingly off his tongue, and he can paint graphic word pictures of those places until one longs to board a vessel and see them for himself.

As for history: a new stamp issue usually marks some high spot in the history of the issuing country, and when it comes to reciting what brought those changes about, and the result—well, while we do not wish to draw comparisons, we would like to have H. G. Wells hear Arthur F. White talk.

Chief Clerk—Fisherman

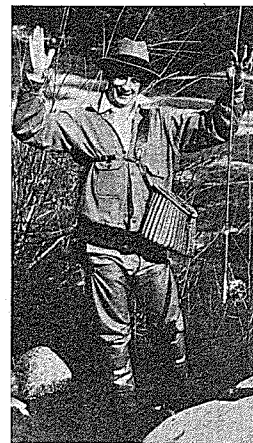
TO H. A. Fallin, chief clerk to the general agent at Medford, Oregon, fishing is more than a hobby; it's a mania. His first name is Howard, so, with the general perversity of human nature, everybody calls him "Tim." He is a fine fellow, a good railroad man, and a fisherman par excellence.

Practically everybody up Medford way fishes more or less, and some of them are good fishermen, too, but the reason we have singled Tim out for this item is because his ability and enthusiasm begin where most folks' end.

However, there is a very good reason for his unusual interest in things piscatorial, for Tim hails from the Rogue River country, and, as everybody knows, up there the natives learn the fish language first and English afterwards. It's a fact! Tim now speaks seven dialects of Trout and can converse more or less fluently in Salmon also. The fishing season opens May 1, and by the eighth or thereabouts Tim knows the first name of every fish within a radius of ten miles of Medford.

The picture on this page shows Tim engaged in the fisherman's universal habit—alibing. The distance between his hands may seem a little too great to the casual observer, but in this case the fish that got away was a salmon, and it is no job at all for a salmon up in Oregon to grow to even greater length than Tim's widely-spread hands indicate.

Tim spends his nights dreaming of fishing. The cold, cloistered and otherwise lonely winter evenings he devotes to the manufacture of new and intriguing flies to tempt the wary trout, at 1 to the studious and careful



"Tim" Fallin, chief clerk to the general agent at Medford, Ore., is trying to tell you that a "big one just got away"—that famous fisherman's yarn.

inspection of sporting goods catalogues devoted to the interests of the piscatorial enthusiast.

Tim is a born fisherman. He can wade into the Rogue up to almost the top of his hip boots, slip on a rock, sit down with great and unintentional suddenness in the icy water, scramble up and go on fishing in his wet clothes with a happy smile on his face and no thought of strong language. We know he can, for we have seen him do it, and, if that does not indicate the true fisherman born to the rod and reel, then what does?

General Office Statistician Called by Death

Thomas J. Noone, chief clerk in the statistical bureau, accounting department, San Francisco, died suddenly at the company hospital, May 23, after an illness of three days.

Mr. Noone was born at Oakland, Sept. 9, 1870. He entered the company's service as office boy in the passenger accounting department in 1888. In 1904 he was made chief clerk of the accounting department statistical bureau, which position he filled until the time of his death.

His widow, Margaret C. Noone, survives him.

Veteran and Secretary Are Paid Tribute at Los Angeles

"Will you show him the door, or will I have to," barked out Ike Sproule's radio just after F. E. Scott, general freight traffic manager, had completed his presentation speech on behalf of Los Angeles General Offices employees, who gave the radio as an expression of their appreciation for Ike's 32 years of service. The employees, gathered to witness the presentation and pay their tribute to the retired veteran, laughed, and Ike laughed with joy as he made arrangements to take the Radiola home.

At the same gathering, A. G. Parker, for the past six years secretary to F. E. Scott, was presented with a leather traveling kit, just before he left the same evening on the "OWL" for San Francisco to become secretary to J. T. Saunders, freight traffic manager. Parker had been secretary to Scott for the past six years, having come here from New York to enter Southern Pacific service. Mr. Scott expressed his disappointment at losing Parker, but congratulated him upon his promotion.

Ike Sproule, in continuous service since January 1, 1897, began as claims adjuster for the Los Angeles freight

station, where he remained until June, 1910, when he became soliciting freight agent. In September, 1925, he was made utility clerk in the Los Angeles freight department, which position he held when retired May 1.

Los Angeles Switchman Hero In Stopping Runaway Street Car

Praise has been given W. T. Grummitt, Southern Pacific switchman at the Los Angeles yards, for his bravery in stopping a runaway street car at the risk of his life the early part of last month.

The street car, in the neighborhood of Central Station, struck an aged man who stepped from the safety zone into the path of the car. The motorman, in attempting to bring the car to a sudden stop, threw it into reverse and alighted to render aid to the injured. There was a rumble and the conductor and motorman saw their car tearing up the street in reverse without a man at the controls.

W. T. Grummitt, coming down the street on his way to work, saw the object of curiosity, and, sensing the destruction it might cause, took out after it, climbed aboard, and brought the car to a stop.

Section Materials Show "Good Housekeeping"

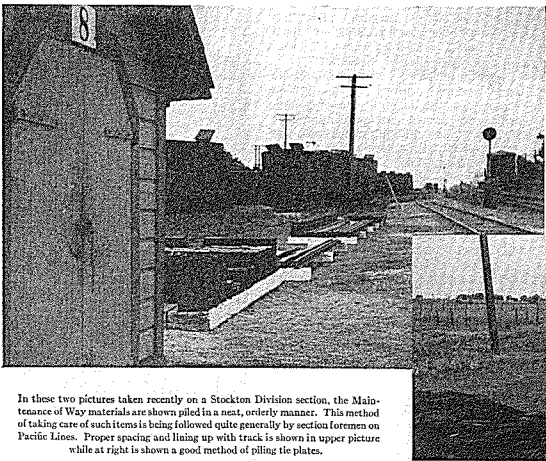
GOOD housekeeping has its application to the railroad right of way as well as to the well kept home. The importance of this is fully realized by the Maintenance of Way forces on Pacific Lines as may be noted

by the manner in which on-line material used in maintenance work is neatly piled adjacent to the section tool houses or other section buildings. This care given the orderly arrangement of materials not only reflects

efficiency in methods, but also has its advertising value in the impression such neatness makes on passengers in trains passing the section houses.

The accompanying photographs indicate the interest some section foremen are taking to carry out these good housekeeping ideas. Everything around these section tool houses is in a neat condition, and anyone passing can not help but notice the orderly arrangement of material, as well as the properly maintained track.

The location of tool house No. 8 is at a point where three districts meet, and, in addition to an eight-mile main line section, there is a fairly good sized yard to maintain, making it necessary to carry considerable material and several pieces of rail.



In these two pictures taken recently on a Stockton Division section, the Maintenance of Way materials are shown piled in a neat, orderly manner. This method of taking care of such items is being followed quite generally by section foremen on Pacific Lines. Proper spacing and lining up with track is shown in upper picture while at right is shown a good method of piling tie plates.



Sixtieth anniversary of the completion of the first transcontinental railroad, now the Overland Route of Southern Pacific, was celebrated in various manners in the principal Western cities along the Company's lines. Radio broadcast over a network of Pacific Coast stations was the outstanding feature of the celebration on May 10. Four huge birthday cakes, baked in the Company's San Francisco Commissary, took part in birthday parties at San Francisco, Los Angeles, Portland and Atlanta. In the picture at upper right Otto Paul Riess, supervising chef who prepared the birthday cakes, is shown cutting one of the cakes while Utah, on that day sixty years ago when the Company's first line was completed.

Hands are being extended by some of the children of the San Francisco Nursery for Homeless Children. Lower left—Mrs. Sarah Pratt Carr, whose father was prominently identified with the building of the first railroad, cut the birthday cake at the Orthopedic Hospital at Los Angeles. Upper left—General Passenger Agent F. E. Watson (left) and Frank H. E. Pieter, who was present at the driving of the last spike in 1869, also took part in the celebration at Los Angeles on May 10. Lower right—Geo. W. Lashus, who is one of the few Southern Pacific pensioners now living, who were on the spot at Promontory, Utah, on that day sixty years ago when the Company's first line was completed.

Radio Program and Huge Cake on S. P. Birthday

SOUTHERN Pacific's sixtieth anniversary radio celebration on the night of May 10 was heard over the entire country and was received with special interest over the territory served by Pacific Lines.

Letters have been received from friends in Oregon, Washington, California, Utah, Nevada, Arizona and New Mexico telling us they heard the program and enjoyed it.

In addition to these letters a large number of articles have been received from boys and girls competing for the \$100 prize, by sending in an account of the story told over the radio.

An interesting note in the letters received is that although everybody was delighted with Reinald Werrenrath's singing, as of course they would be, everybody also enjoyed the story of the building of the first transcontinental railroad. As one young writer pointed out, although this is an old story and should be familiar

to all Californians, the events that made it occurred during the Civil War and, in the national histories, the tale of this conquest of the Sierra by four Sacramento merchants is crowded into the background by the stirring events of the struggle between the North and South.

Nobody took more interest in the program than Mr. Werrenrath, himself. When he found that it would be possible for him to come to California to sing for us, he put in many hours of research in New York in an effort to find songs specially fitted to illustrate in a musical way, this historic accomplishment.

The success of the program shows how well he succeeded in his search for proper material. His one regret, he told us, was that the program could not have been stretched enough to let him sing "On The Road to Mandalay," which is one of his famous numbers. Mr. Werrenrath, you may

be interested to know, sang in New York the Saturday night before he sang here. He arrived in San Francisco Friday morning, Saturday morning boarded the Overland Limited again, and was singing in New York the following Wednesday evening.

Among the letters received is one from a young lady, 11 years of age, who confided to us that she had never ridden in a train in her life and had thought railroad ties were just something to count on the way to school. "After hearing your program," she said, "I wanted to go places and see things on the Southern Pacific. I have walked to school, down the railroad tracks and counted the ties but never before had thought about the time and money that it took to build it."

The winner of the \$100 prize will be announced in the next number of the Bulletin.

In addition to the radio program, the anniversary was celebrated by

the Company on May 10, by the cutting, with proper ceremony, of four gigantic birthday cakes at Portland, Alturas, San Francisco and Los Angeles, respectively.

At San Francisco the cake was cut at the Nursery for Homeless Children by Otto Riess, Southern Pacific supervising chef, and ninety-seven little tots were gladdened by the Southern Pacific birthday party.

Pioneer Lady

At Los Angeles a cake was presented to the crippled children of the Orthopedic Hospital. Mrs. Sarah Pratt Carr, whose father was superintendent of the Dutch Flat-Donner Lake wagon road, over which was hauled rails and supplies used in the construction of Central Pacific's western end of the first transcontinental railroad, was present and told of her memories of early days in the West.

Frank H. E. Pierce, who was a witness of the spike-driving ceremony, was also present and told the children of seeing Gov. Leland Stanford drive the golden spike. F. E. Watson, general passenger agent, Los Angeles, acted as master of ceremonies, and presented Mr. Pierce with the golden spike that adorned the cake, to keep as a reminder of the scene 60 years ago.

The California Press Association, which was en route through northern California and Oregon on its semi-annual excursion, celebrated the occasion by partaking of a cake in the observation car at Alturas. Amid traditional formalities the cake was cut by Mrs. Richardson, wife of F. W. Richardson, ex-Governor of California.

Portland Takes Part

At Portland the birthday cake was placed on display in a window of one of the large department stores. It was surrounded by old pictures taken during the construction of the railroad sixty years ago, and attracted wide attention. Later the cake was taken to the Veterans' Hospital, where it was cut and slices distributed to the patients by young ladies who are candidates for queen of the Rose Festival.

Business firms of Portland and various trade and traffic organizations of the city, reciprocated the Company's cake-cutting birthday party by the presentation of beautiful baskets and bouquets of flowers with hearty felicitations and good wishes.

The cakes were masterpieces of the culinary art, weighing about 150 pounds each and were baked in the Company Steamer Commissary in San Francisco. They were completely covered with frosting, in an elaborate design, and bore upon the top a suitable inscription and cunningly devised flowers, startlingly lifelike in natural colors, all of purest sugar. Perfect replicas of the Southern Pacific medallion were placed on the sides of the cakes.

Veteran Engineer to Become Farmer

GRIZZLED and weathered from fifty-two years' exposure to the elements, but with spirit undaunted, hearty voice, sturdy step, and sufficient vigor remaining to go into the cattle business, Albert E. Brown, veteran engineer, stepped from the engine cab of the "West Coast" at Sacramento April 29, ending his last run and saying farewell to railroading forever.

Superintendent W. L. Hack and other railroad officers were at the station to greet Brown as the train pulled in, and congratulations were



Engineer Albert E. Brown (inset) was met at the Sacramento station on April 29 and congratulated by Superintendent W. L. Hack as he stepped down from the cab at the end of his last run, bringing to a close a career of 52 years with Southern Pacific.

showered on the veteran, good wishes extended by his superiors and fellow workers, and advice as to his future conduct laughingly extended while cameras clicked and the "end of the run" was made a matter of record.

An interesting man is Engineer Brown. The last spike in the first transcontinental railroad in the United States was driven sixty years ago this May. Eight years later Brown commenced his railroading, and for fifty-two years he has watched the development of modern transportation and participated in it.

The Old Days

Railroading in the early days was far from what it is now, Brown says. Nowadays, a passenger gets aboard the train, goes to sleep in a comfortable steam-heated car, and in the morning awakens at his destination, exactly as planned. But in the old days—

"I remember in the winter of 1889-90," said Brown, "we were once four days getting from Emigrant Gap to Blue Canyon, a distance of five miles. That was before the days of rotary snow plows. Well, we bucked the snow for four days between those two stations, before we finally got through. We ran out of fuel and we ran out of water. I remembered some cordwood I had seen around there, and we went out in the snow and dug for it. We went down

in that snow for over ten feet before we came to the wood. Then, we used snow to make water for the boilers, and I want to tell you that between digging for fuel, melting snow for water and ramming into those drifts to get through, we had one merry time. We ran out of food, too, and for a while things looked pretty bad. But finally somebody found a cow, half dead from the cold—so we had beef from then on."

When asked what was the greatest thrill he ever had, Brown answered without hesitation, "The time my train was held up. I was pulling No. 3 from Oakland to Ogden. At Swanson I felt something hard in my back and heard a voice say, 'Stop the train.' I turned around and looked into what seemed to me to be the biggest gun in the world. You can bet your life I stopped that train in a hurry. There were two of them, fellows by the name of Browning and Brady, who had held up trains before, and they ordered the fireman to cut the train behind the express car, and told me to pull ahead. I told them the brakes were jammed, and for some reason they took my word for it. Guess they were about as nervous as I was. Anyhow, they went back to the express car, and I lost no time getting over into the tall grass, out of sight. They must have gotten scared by something, for they finally gave it up and rode away without doing any damage, and we went on. About two weeks later they tried to hold up another train and Browning was killed. Brady was later caught in Sacramento and sent to the penitentiary for life."

Never Had an Accident

Brown went to work for the Southern Pacific in 1877 as a locomotive fireman. In 1881 he was given an engine and in 1894 was assigned to a regular passenger run. He has been handling passenger trains for thirty-five years and has never had an accident, a record of which, in 1899, when the Southern Pacific put on its crack train, the "Overland Limited," Brown hauled the train out of Sacramento on its first trip.

Brown has a fine home in Gerber, Calif., where he expects to live. He is a good business man, and, as he says, "I am not a wealthy man, but if a rainy day should come I am in a position to buy myself an umbrella." He has already arranged for the establishment of a ranch for the raising of fancy dairy cattle. In anticipation of his retirement, he some time ago purchased a registered bull, and it will not be long until travelers, looking from the car windows at the peaceful, verdant fields of the Sacramento Valley, may see, knee deep in lush meadow grass, the Guernsey herd of Albert E. Brown, ex-railroad man, turned farmer.

Your doctor-



Employees are invited to write the General Hospital Department at San

Francisco for medical advice, being sure to state their occupation. Some of the questions will be answered impersonally in this column, and in all cases letters will be written personally to the employee.

Question:

FOR some time past I have been troubled with a very annoying and at times a very painful trouble just where the breast bone terminates. The place is not sore when not being pressed, but on pressing in on it there seems to be quite a bit of soreness for a place about the size of a dollar or a little larger. About two hours or a little bit more there seems to be a good deal of gas on the stomach, and in belching, there is a burning sensation that at times is very painful. This burning comes after eating. I have been going to the Company Doctor and have gotten some relief, but the pain seems to stay. I was on a diet of milk for nearly two months and took some powders that were given me, then was told to stop taking medicine but to keep on a diet of vegetables, which I have done with very little good results. It is true that one cannot get much of a variety of vegetables here and it is possible that is causing the prolonged trouble. There are times that the pain seems to move to different parts of my stomach, but not very bad. My bowels in the past few months are very irregular; in fact I am compelled to take a light laxative about every two or three days. Some of my teeth are in bad condition and I thought perhaps that is causing some of the trouble. If consistent, I would be pleased if you would diagnose this case if possible to do so by the explanation I have given you.

Answer:

It is quite probable that you have an ulcer of the duodenum, the beginning of the small bowel just beyond the stomach. Apparently the milk diet made it better. The milk should be taken every two hours and taken slowly—four or five minutes to the glass. A glassful should be taken every two hours from 7:00 in the morning to 7:00 at night with a soft boiled egg at the first, third and sixth feedings; followed later by milk toast may help the matter. This should be kept up for two weeks and then pass on to the diet on column one of the diet card. Why do you not have your bad

teeth taken care of at once? This will probably help matters.

Take no medicine but a little milk of magnesia mornings to help regulate your bowels; and, if you are not entirely well in a month, you better come up to the hospital and let us investigate further.

Question:

IS it good to drink water with lemon juice without sugar or not? I have been told that it puts too much acid into the blood and causes gout and neuralgia. My left hand gets numb at night and it itches so I wake up, but if I rub the arm it disappears. My arm was hurt last fall by falling with a stick of wood so it turned black. Can that be the cause? I did not have this before. I thought that there was an obstruction in the flow of the blood where the arm was black from that fall with the piece of lumber.

Answer:

The arm turning black is probably due to a rupture of a vein and the spread of the blood throughout the tissue below the skin, which resembles, in other words, a black and blue spot on a large scale. There was probably no obstruction to the flow of the blood.

Your left hand gets numb commonly because you lie on your left side when you sleep.

If you are a large meat eater the urine gets too acid. An abundance of water, six glasses a day, is good for everybody. The citric acid in lemon juice is converted to citrate of potash, as strong alkali in the body and renders the urine alkaline. It is very beneficial because of this fact and also because it induces you to drink more water, which most of us do not take in sufficient quantity. Your neuralgia is probably due to bad teeth or bad tonsils, or some infection in the body.

Question:

WAS operated on in May, 1928, for removal of gall-bladder and appendix.

Operation was very successful to the extent of relieving me of considerable pain, etc., but I have trouble with a condition of biliousness, heavy behind my eyes and dark spots and the more-or-less nauseate feeling. Have tried dieting as per your card furnished, but found result considerably constipated.

To relieve condition, have taken mineral oil and milk of magnesia, but without any permanent condition of relief. However, for the past two months have been taking Martyn-Vercolate with Merks Sodium Phosphate which has given me very good result. However, this is costing me about \$1.25 per month, which is a pretty heavy drain, and would ask if it is not possible for you to arrange

Annual Report Shows E. M. B. A. Is In Fine Condition

A total membership of \$174 in the Central and Southern Pacific Employees' Mutual Benefit Association was reported when the organization held its 49th annual meeting at San Francisco on May 9. More than half of the membership was present in person or by proxy at the meeting. President Henley C. Booth presided. Three directors, A. S. McKelligott, B. D. Myers and H. G. Waltrous, were re-elected for a three-year term.

The annual report as of May 1 submitted by Secretary Miss Julia Mott was, in part, as follows:

Receipts	
Dues from Members.....	\$147,776.70
Interest—May 1, 1928, to April 30, 1929.....	58,650.08
	\$206,427.58
Expenditures	
Medical Examinations.....	5,076.00
Commissions to representatives for securing new members.....	2,308.56
Salaries (Salaries employees and Office Staff, Medical Director and three Representatives. No salaries, commissions or fees are paid to the President, Vice-President, Directors or Counsel.).....	12,605.50
Stationery and Printing.....	1,224.96
Advertising.....	421.89
General Expense.....	4,232.46
Unpaid Vouchers as of April 30, 1928.....	4,000.00
	\$ 29,866.37
Death Benefits—(72 deaths).....	\$ 86,500.00
Total Expenditures.....	\$116,366.37
Cash Account to April 30, 1929	
Balance April 30, 1928 (Cash).....	\$ 965,006.75
Interest from investments.....	2,000.00
30, 1929 (Cash).....	58,650.88
Dues (Amount paid by members).....	147,776.70
	\$1,172,034.33
Refund Insurance Premium.....	8.00
Vouchers issued account deaths but not cashed before April 30, 1929.....	1,006.00
	\$1,173,043.33
Expenditures.....	116,366.37
Total in Southern Pacific Company Treasury, as Association's Treasurer.....	\$1,056,676.93
Dues in process of collection.....	7,900.00
Interest due and not yet credited in Southern Pacific Company accounts.....	5,010.13
Other Funds.....	3,804.49
TOTAL ASSETS.....	\$1,073,391.49
Membership	
Members in Association.....	8174
Members accepted during past year.....	1163
Members reinstated.....	9
Deaths during past year.....	72
Members resigned.....	84
Lapsed members.....	719
Applications rejected during past year.....	21
Average age of members accepted.....	28

to furnish same from General Hospital or local druggist.

Answer:

We cannot furnish drugs for constipation, which is a bad habit and not a disease. If you will read the article on constipation in the May Bulletin and follow it explicitly, you will have no trouble in correcting the habit.

You tell us nothing about your weight, and maybe you are over-eating and not getting enough exercise, and that this causes the condition that you describe as biliousness.



PAGE THREE FOUR

Buster Brown is on the verge of hiring himself up to Roseville to assist the S. P. in shooting those heavy loads over the mountains. At the busy time of the year

clubs are to hold a tournament every three months. The first one started May 11 and for a 54-hole tournament. G. Montom is the club's president; R. Piercy, vice president; A. Goynor, secretary; handicapper, F. Kiehne,—and what a break you get. Any

is now residing in Burlingame. On May 19 the nuptial knot was tied for Miss Mary Burt and Glenn D. Rhodes at a very pretty ceremony at the home of the bride's mother. They intend to reside in Berkeley. May 5 Miss Cora Gasparidone, formerly

Marvin Harvey of our off group of musicians known as the Orchestra. Mr. Harvey is a East-bay flute player.

to all attendants, and prizes will be awarded. There will be dancing from 6:00 p. m. Persons attending should take the Northwestern Express to Sausalito and from that point to Fairfax. Admission to the park is

1, 1925, he went to the Los Angeles harbor district, which position he held until the time of his death.

His only surviving relative is Mrs. Emma S. Thistle.

On May 19 Southern Pacific golfers at Sacramento played the qualifying round for

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like to	Tyler Crowell	G. H.	N.
like were	R. McDonald	8	73
friend	C. Kinnaman	88	72
liver	E. S. Seiler	17	80
"Noo-	E. C. Spear	91	15
to, fol-	W. L. Dushy	82	10
note, fol-	W. H. Pugh	94	12
the gang,	M. C. Hennessey	95	16
request,	L. Addison	95	78
	Pittman	92	75
the back	W. G. Gidd	97	73
is by sev-	P. Cusick, Jr.	98	25
has at	E. W. Peterson	98	21
le has	M. W. McNamee	98	75
the	E. E. Holmes	99	27
"light	W. England	100	18
	E. Ross	101	74
	E. Rossi	101	74
	Petersen	103	75
	A. B. Butler	104	25
	A. P. Hinds	104	26
all prac-	F. Valenzuela	104	26
auditors,	N. P. Ravelette	107	27
em how	F. H. Hovey	107	27
rs' rs' m-	W. N. Langston	110	29
by the	W. Turner	111	82
typing	W. J. Dillman	112	82
is a bit	R. Kimble	113	33
"Time,"	W. L. Phillips	113	29
the field	A. A. Kiefer	114	29
the weak-	E. R. McNeil	114	28
the belief	E. Peck	114	27
	E. C. Knoff	116	23
	W. L. Lutz	119	80
	John Lathrop	119	35
	W. C. Blackburn	121	80
	C. S. Blackburn	127	35
		102	

Friends of Barney Thistle, roadmaster in

boats until the time of his death.
His only surviving relative is
Mrs. Emma S. Thistle.

LETTIN PAGE TWELVE

1. *Journal of Management Studies*, 1996, 33, 1, 1-14.

Portland Division

L. W. Johnston Sup't. Off. Portland

W. P. Meitz, claim clerk, Park Street, is working hard today and yesterday in some time at the General Hospital at San Francisco.

Walker Harris, general foreman, electrical department, headquarters at Beaverton, is appointed engineer in train-lighting-boarding ventilation, headquarters at Oakland, vice J. H. Jack, deceased. While we regret very much to have Mr. Harris leave the division, we join in wishing him the best of success in his new undertaking and hope his duties will bring him back on the division often.

George Bach, store deliveryman, Brooklyn store, has been granted for leave of absence and George and his wife plan to take a trip down south to Texas.

We extend our sympathy to the relatives of Bert Stewart, who passed away very suddenly. Mr. Stewart was in the position of stover in the warehouse at Park Street and had been employed by the Southern Pacific Co. since June 2, 1916.

Locomotive Engineer C. G. Younger, Brooklyn, has returned to duty after being confined to his home by illness.

Cecil E. Larsen, first assistant trainmen's timekeeper, Portland, and Ed Paso with one of the Company's Auto Ferry tire salesmen are the rear of his machine.

With the aid of the superintendent's office, store and department of the division, the ball field at East 18th and Holgate was scraped, raked and leveled off with a fine degree of accuracy and we are looking forward to some peppy games this season.

Ed Morse, cashier, local freight office, Park Street, is back after a lengthy absence, due to severe illness.

A. A. Lowe, general transportation inspector, San Francisco, formerly chief clerk to superintendent Portland Division, was a recent visitor on this division.

Lydin T. Horacher, stenographer, superintendent's office, Portland, has departed for Philadelphia, where he will visit with relatives. Her trip will include New York and Washington, D. C.

Another in our midst has taken the fatal step. Clayton L. East, yard clerk, Brooklyn, only recently joined the ranks of the Benefited. We join in wishing them success and happiness.

Betty Stone, secretary to division auditor, is making an advance on the division and can be found playing catch with some of the old players, and she will no doubt be given a big cheer on the team.

We are sorry to learn of the passing to the Great Beyond of one of our "Old Timers," R. P. Silby, who has been on the pension list for some time.

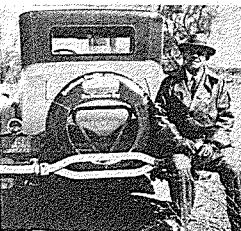
R. P. Heideckner, supervising accountant, San Francisco and former Portland Division auditor, was a recent visitor on this division.

Our utmost sympathy is extended to Kathryn Taylor, cashier, general superintendent's office, Portland, in her recent bereavement in the death of her father.

Our "Capt." Harter, supervising accountant, San Francisco, is on the division, making check of transportation and M. P. & C. accounts.

Dorothy Williams, assistant bill and invoice clerk, Brooklyn store, will be married soon to Jack Sharkey. No relation to the best of luck.

E. L. Baker, O. S. & D. clerk, Portland Park Street, is at the General Hospital at San Francisco. He is getting along nicely and



Auto ferry service across San Francisco Bay was given some good advertising throughout the South-west recently when O. K. Kipatich, supervising accountant, made an automobile trip over the territory between Los Angeles and El Paso with one of the Company's Auto Ferry tire salesmen.

Our sympathies are extended to F. E. Cavender, master car repairer, Brooklyn, in the loss of his brother, C. R. Cavender, former car inspector at Roseburg.

Ray Williams, locomotive fireman, working out of Eugene, has been granted a leave of absence account illness.

Ray Stein states he is fully convinced that the Chevrolet sedan he is driving is equipped with non-breakable glass in the doors. We suppose Ralph Mages retained the baseball.

A. A. Mangold, electrical supervisor, Brooklyn shops, has been transferred to H. Babcock's office in San Francisco.

The station timekeeper walked into the office the other day with a new Porma 882-C under each arm, and from the end of the room, it appeared that he was all wrapped up in his work.

We are glad to see D. McCall, fireman, who is back on the team with us again after having been ill.

Friends of Pete Moore, formerly employed at Park Street warehouse, will be pleased to learn of his death, which was quite sudden, caused by a ruptured appendix.

S. W. Richardson, cost analysis clerk of engineering department, Portland, has resigned to accept a position with the Union Pacific. We wish him success in his new position.

W. R. Lemoine, relief clerk, Salem, has been unable to report for duty, due to sickness.

The mechanical department baseball team, while-washed the store department 10 to 0. The mechanical team made an admirable showing and hopes to capture the trophy now held by the store department.

The superintendent's office was given a trimming by the mechanical ball team. The score was 29 to 5. It was a good track for the mechanics.

Ed Rolz's pitching for the mechanics and Ed Rolz's pitching for the mechanics and Ed Rolz's pitching for the mechanics.

A "new idea meeting" was held at Park Street on April 24 with an attendance of sixty-six employees. Some good suggestions were offered as to how we could increase business and more closely connect our relations with the patrons.

W. H. Allen, engineer, and J. R. Sweeney, fireman, have been selected as delegates from the Portland Division to attend the annual convention of the International Railway Fuel Association to be held at Chicago May 7 to 10. Mr. Anderson will attend his trip to Maine and Mr. Sweeney will take in Niagara Falls and way-points.

Mr. Wilson, who is now in the hospital for Klamath Falls for a visit with friends over the week-end.

The engineering department bowling team regrets the season ended so soon, right when they had met their rivals in the division the coming season, as we have it they intend to hold this stride by constant workouts to enable them to bring home the laurels next season.

We are looking forward to the early recovery of A. C. Schnellbacher, locomotive engineer, Eugene, who has been absent due to illness.

W. B. Walker, switching clerk, Park Street, went to Seattle recently over the week-end.

Nicholas Roth, machinist helper, Timberline, was called to the hospital for an illness and left for the General Hospital for treatment.

Our sympathies are extended to Fireman R. M. Sachler, Albany, in the recent loss of his mother.

We are glad to have Wm. F. Hoffman, log scaler clerk, Mill City, back again after being away for some time.

James Barr, receiving delivery clerk, Park Street, is considered the general delivery clerk at San Francisco. We are very sorry to learn that his case is quite serious, as it may be necessary to remove him from duty.

Fred G. Morris, agent Garibaldi, has returned from a 30-day vacation which was being away for some time.

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Shasta Division

F. Brown Sup't. Off. Dunsmuir

Inn by the association of supervisors and their wives.

Lawrence Leland Hanna has accepted the position as first trainmaster's clerk at Tracy, vice Paul C. Doughty, promoted to position of assistant district auditor at Sacramento.

Jack D. Seifert, junior clerk in superintendent's office, has transferred to the engineering department as rodman. His former position is being filled by Paul D. Sheppard.

Miss Josephine Hargreaves, chief dispatcher's stenographer, has transferred to the engineering department as stenographer, vice Miss Esther James, promoted to a stenographic position in the same department.

Enthusiasm for golf has spread through the office like dandruff. Among those purchasing paraphernalia and taking lessons are: Mrs. and Mrs. H. L. Regener, Norman E. Hiltner, F. W. Merrill, T. Austin and Mrs. H. M. S. Winton.

J. P. Weeks, office engineer in the drafting room, is considering a change in the desk and seating arrangement of his subordinate, Cost Analyst "Johnnie" Martin.

An open invitation was extended to plan for, as he contends, the close proximity of his desk to that of the stenographer is a source of great annoyance, and is "overruling" "Johnnie's" objection, likewise the stenographer's objection is distracting and has resulted in an impairment of efficiency on the two positions, also that "Johnnie" is a "fussy" fellow.

James P. Kelly, veteran conductor, after an illness extending over a year, died at the General Hospital on May 4 from carcinoma of the throat. Kelly entered the service in 1892, and for six years worked alternately in track and B. & B. gangs. In September, 1898, he entered the train service as a brakeman and four years later was promoted to conductor. Kelly was a native of Illinois and was 58 years of age. Funeral services will be held at the General Hospital, assisted by P. J. Heaneberry, C. Ahern, R. Sturgeon, E. G. Lovren, W. Frick, and the Messrs. Clara Zumtse and "Red" Derrells.

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Auditor, San Francisco

Il. R. Gomez Annex C

Mrs. Irma Grant has just returned from a week's vacation in Vancouver. While there she learned that if it weren't for cocktail shakers the Canadians would never get any exercise.

If my memory isn't muscle-bound, Rosalie Brady has spent a nice while preparing her trousseau for an anticipated jump into that "happy married circle."

Without the alibi of matrimony, she thought getting married is like wearing spats—there's no excuse.

Having the spirit, Inez Hill also put on a bit of city vacationing. While away, she casually dropped into the five-and-ten-cent store to visit a girl friend saleslady there, but you can see her embarrassment when the manager informed her that her friend was "fired" because she just could not remember the price of a pair of shoes.

Kathryn Buchanan, one of our type-ogists, is now taking a turn in the hospital because she was feeling better. Like those papers. Of course, we are expecting everything to come out all right like Monday's wash, with all hands hoping for a speedy recovery. In the meantime, Lenor Jenkins is functioning in Mrs. Buchanan's stead.

Feeling as foolish as tooth paste coming out of both ends of the tube, Winnie Starr has verily sneaked in on us with a brand new permanent wave. Hey, hey! Evidently Johnnie is on the job in passing, it might be added that a long-haired hair is as absent as milk chances around here as a bowl of soup spilt to Lakeland. Still and all, ladies, beauty is only "shin" deep, you know.

Telling you in mournful numbers, all clerks should refrain from calling Pearl Williams "Mrs. Fine" until she has something more definite on the merger. To date we have nothing but a faint hope of a union some time before we strike a trial balance. So there.

Mrs. Watts has always insisted that she "runs things" around her house, and just to prove that she was right, she once paid her a visit and found her running the vacuum cleaner and washing machine.

In the line of things, the auditor joyously explains that she now has a boy friend who is better than a good one. He is a prof, excels in soft rufy, and the ladies flock around him like he was a new diet. Above all, he makes her feel like a queen. He says whether he made dollars or whoopee, he can't be admitted that money is the "Jack" of all trades.

Scotty Linklater went to a dentist the other day to have teeth pulled, and just for the principal of the thing, Scotty counted his money before the dentist gave him his rate. There must have been a fire sale at the Filipino Tennis Club the way "Turk" Essoff, "Dooking" Thomas and "Big Moment" Stewart have burst out in a gang of Palau Beach pants.

And Mattos is to be led away by kind friends to the girls' lounge room with the aid of a smiling saleslady. He is a very nice boy when he suddenly became exhausted after bringing in a typewriter from an adjoining room.

They say it's the little things that count in life, so that's why the auditor is counting yellow papers in the store bureau. Larry Underhill is back on the job in the office as well as on this true story. Larry says his fellow players always bowl him out, he finishes a few notes behind the rest of the orchestra, even though he knows he can't read music as fast as they can.

If you don't have a good golf bag, you expect to begin playing golf again after an absence from the links since last July. It seems that Sandy lost his golf bag, and he is back and has just found it. "It said that Sandy's golf bag was missing," he said. It was, his follow-through superb, and his driving uncanny—in fact, his only fault is that he can't hit a ball.

Harry Turner: "Where's Fisher?" Cholly Harris: "He's here. I can smell him!" Dick Lawton's latest bit of info is that his brother is climbing up in a great big way put our New York operative, Morris Lynch, in the case and said that he was the only one of his brother who was in Wall Street wearing up a "White Wing." Come again, Herm.

Yes, Agatha, the "Kingfisher" still smells and gets like a fish. You may expect him like has bobbed heads. You may expect him to be as any time now with his vest buttoned in the last second. He is as Sully Smith. Of course, there's nothing pretty about being a man anyway, what

Los Angeles Division

Miss D. Ouida Wolfe, Sept's Off. Los Angeles

June, the bride's month, arrives with its promise of brides in matrimony. Either Mr. June Bug has fallen down on his job or is keeping secret the names of his victims.

Scenery in San Francisco was improved two points during the past month when the General Office claimed two of our best-looking young men. Chaplin Goodfellow, assistant car distributor, who has grown up on the divisions, and a mailman, were promoted in the office of R. L. Ruby. Robert L. McKee, secretary to Assistant Superintendent Gersheim, who transferred here from Oakland last summer, secured a more promising position in the office of Justice of the Peace. Vacancies in this office have been filled by Oscar Coleman, of the yard office, and Clarence G. Meritt from the San Joaquin Division.

But Johnson, of the comptometer bureau, resigned on May 1 and a farewell party was tendered her by Marie Martin, at which all the girls of the office were guests. The evening was spent in playing "Cootie" and, as a Cootie dancer, Marion Hood took the prize. Congratulations were awarded to Elizabeth Tyrrell, Julia Yokely, Hazel Kowalski, Olive Yarnall, Jessie Johnson and Lillian Weaver. Delicious refreshments were served and, so bountifully had Mrs. Martin prepared, that the girls did not desert late to serve the husbands and boy friends who were waiting in cars to take the guests home.

The vacancy in the comptometer pool has been assigned to Ethel Hyman, who has been doing temporary work for the past year. Mrs. Martin prepared, that the girls did not desert late to serve the husbands and boy friends who were waiting in cars to take the guests home.

Joe Cobb, the popular "fat boy" of the Hal Cobb "Our Gang" comedies, is a nephew of G. W. Cobb, conductor on Tucson-Kip Grand divisions, living at Yuma.

With a set of funny socks and a derby, but the "Kingfisher" shouldn't desert the horrible sex so quickly. The way that boy is getting no better is downright interesting. Unless Fisher stops what he is doing, which seems almost nothing, he won't have any more comeback than a slightly used toothpick.

Sam's vulgarity, we have recently learned that Bill Thomas came over from Merrie England as a stowaway on a cattle boat destined as a wild out in the feed box. Bill Fray says that the fellow is an easy job is sweeping out corners in a round-house.

And Nevet Collins admits that the reason he never attends the ball games is because he considers it too much exertion to get up to stretch in the seventh inning. On the other remaining hand, George Stabler has a pet idea that Monday should be dropped as a working day. No doubt a big Monday increases the intensity of dark brown taste.

Jack Jones, the bald-headed Mr. Kane said, "It's all over, boys. Robert McGee has gone to 8rd Street in his usual room. He has an even better. Ballard takes up here where Robert left off."

The auditor of freight accounts, No. 1 team and the engineers' nine are leading the Cascade and Overland leagues, in the Southern Pacific Overland baseball play at General Office. Figures are for games played up to May 20.

The A. F. A. No. 1 are leading their field with a standing of 4 games won and none lost. The auditors are second with a 3 and 1 record. Figures are for games played up to May 20.

Teams in the Overland League are much more closely bunched. Following the winners, who have a standing of 3 and 1, are the auditors, who have a standing of 3 and 1. The freight claimers are third and fourth, with 2 games won and 2 lost, and 3 won and 2 lost respectively.

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Some of the Los Angeles employees and their friends who attended a Hard Times Dinner given May 4 by the local group of railway trainmen. The affair was one of the best attended ever sponsored by the trainmen and coming just before the municipal primary election, a touch of unusual

dazzling creation of orange and black designed especially for him, so he says, and now begins a sad, sad tale. "Uncle" has thought up a real peppy reply to go with this suit and tried valiantly for days and days to get the 74 train scheduled over our line, but no one would listen. Not to be crushed, "Eddie" took himself down to a secluded beach where the girls are supposed to stand for most anything, to practice. They were all caught at first, their heads bobbing up and down in a most excited manner, but after the first few lines, pained looks were seen to appear on their faces and they began to emit peculiar noises, which no doubt in fish language, meant they were getting "razz-berry."

"Uncle" still insists it is a good yell. Jim Jenkinson, chief clerk, is the proud possessor of a brand new Hudson sedan, over which he is very enthusiastic.

Anyone who knows of a really efficient remedy for promoting a luxurious growth of hair on a rather sparsely-settled pate will kindly communicate with W. V. Robby, Robinson, revising clerk.

Elizabeth Schwartz, attractive secretary to the account has expressed her interest on the seas of matrimony. Now we all think highly of Elizabeth and want to do what we can for her, so take this means of saying she is very attractive, wonderful disposition, and also carries a very good salary.

Things we never expect to see: John Dettor, chief car clerk, carrying on an animated conversation with his hands tied behind his back; "Joe" Josephine Burke with absolutely nothing to say; E. A. Howell, transit clerk, cutting up and acting undignified with the girls; Vera Goodout, dictaphone and teletype operator, in the absence of her last sleep; Chief Claim Clerk Olds with his hair all plastered down with starch.

Hein Bedford, computer operator, on a recent trip to Wichita, Kansas, reports she met the "darlingest" butter and egg man stretch 'em out, and incidentally saved quite a lot of food expense, which is always a big help.

E. L. Somerville, revising clerk, is away on vacation now and the latest office mystery is, who is going to furnish our chief clerk during the absence of Mr. Somerville. A. R. Dorr, of the accounting department, has been a guest of Doc Coffey at San Francisco for some time past. Mr. Dorr is getting along very nicely and hopes to be back in the office very soon.

Station News Roy Swiggett, chief of the parcel room, is feeling mighty good about the new shelves that have recently been installed for taking care of the increased business, also prospective rush during the tourist season, and the Shrine and Elk's convention. He has not as yet figured out just how he is going to stretch his five feet to reach to the top of the eight-foot shelves. He is not doing much worrying about it, however, as Robert Clemmenson, chief carpenter, is working out a plan, and when Clem starts on anything he always finds a way.

The Los Angeles Redcaps have formed a baseball team, have new uniforms purchased, and their first game will be played for May 30 with the Los Angeles Colored Farmers. The Redcaps are very anxious to win for future dates with the Oakland team and others.

Preparations have been made for efficient handling of the Shrine convention at Los Angeles June 5, 6 and 7. Forces have been increased, station employees have been brightened up with uniforms with new buttons, etc., and we are fully equipped to handle the 74 train scheduled over our line, under the direction of Stationmaster W. J. Parker. The dining room also came in for its share of preparation. A new electric bake oven and dishwasher have been installed and a dumb waiter to the second floor, where tables have been prepared in assembly hall to take care of the dining room overflow. Under the management of F. K. Shilling, a wonderful luncheon is now being served daily, and so well is the dining room patronized at noon that groups of business men from surrounding industries are taking advantage of it and are frequently served on the second floor, the dumb waiter taking care of the transferring of food from the kitchen.

No one in this office has yet been able to figure out what time John Darley, shop timekeeper, gets to the office. No matter how early we arrive he is always here ahead of us. The only way to work with him is on night duty claim he arrives with the daylight. We have, however, found out why he is always here so early. He has a beautiful daughter, Irene, a student in the Occidental College, graduating this month with expects to continue her studies at the University of California at Berkeley for another year. She is a very nice girl, and will either teach or enter the medical department of the Southern Pacific Service work. Whoever she does, she will doubtless succeed, and her father can continue being proud.

At the recent meeting of the baggage department, at which E. L. Carson, general baggage agent, was present, also his new assistant, T. A. K. Fassett, many items of interest were discussed and recommendations for the improvement in the handling of baggage were made. Many of these suggestions have already been acted upon, and while our accidents and losses are very small in this department considering we are handling both freight and passenger baggage, these meetings have proven very beneficial and will assist in reducing hazards of accidents and all mishandling of baggage come out and coming in.

Frederick J. Gerrick, baggage clerk, left for his vacation in the Yosemite accompanied by Fred Dixon. We had hoped this was to stretch his five feet to reach to the top of the eight-foot shelves. He is not doing much worrying about it, however, as Robert Clemmenson, chief carpenter, is working out a plan, and when Clem starts on anything he always finds a way.

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dazzling creation of orange and black designed especially for him, so he says, and now begins a sad, sad tale. "Uncle" has thought up a real peppy reply to go with this suit and tried valiantly for days and days to get the 74 train scheduled over our line, but no one would listen. Not to be crushed, "Eddie" took himself down to a secluded beach where the girls are supposed to stand for most anything, to practice. They were all caught at first, their heads bobbing up and down in a most excited manner, but after the first few lines, pained looks were seen to appear on their faces and they began to emit peculiar noises, which no doubt in fish language, meant they were getting "razz-berry."

"Uncle" still insists it is a good yell. Jim Jenkinson, chief clerk, is the proud possessor of a brand new Hudson sedan, over which he is very enthusiastic.

Anyone who knows of a really efficient remedy for promoting a luxurious growth of hair on a rather sparsely-settled pate will kindly communicate with W. V. Robby, Robinson, revising clerk.

Elizabeth Schwartz, attractive secretary to the account has expressed her interest on the seas of matrimony. Now we all think highly of Elizabeth and want to do what we can for her, so take this means of saying she is very attractive, wonderful disposition, and also carries a very good salary.

Things we never expect to see: John Dettor, chief car clerk, carrying on an animated conversation with his hands tied behind his back; "Joe" Josephine Burke with absolutely nothing to say; E. A. Howell, transit clerk, cutting up and acting undignified with the girls; Vera Goodout, dictaphone and teletype operator, in the absence of her last sleep; Chief Claim Clerk Olds with his hair all plastered down with starch.

Hein Bedford, computer operator, on a recent trip to Wichita, Kansas, reports she met the "darlingest" butter and egg man stretch 'em out, and incidentally saved quite a lot of food expense, which is always a big help.

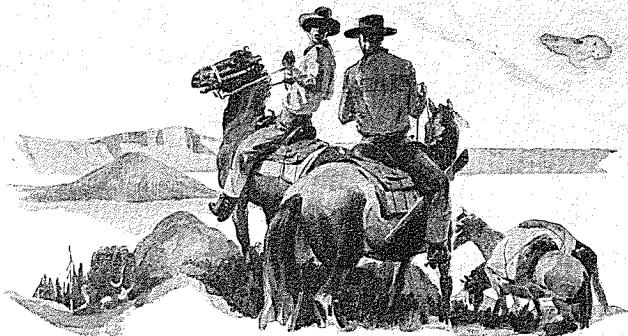
E. L. Somerville, revising clerk, is away on vacation now and the latest office mystery is, who is going to furnish our chief clerk during the absence of Mr. Somerville. A. R. Dorr, of the accounting department, has been a guest of Doc Coffey at San Francisco for some time past. Mr. Dorr is getting along very nicely and hopes to be back in the office very soon.

Station News Roy Swiggett, chief of the parcel room, is feeling mighty good about the new shelves that have recently been installed for taking care of the increased business, also prospective rush during the tourist season, and the Shrine and Elk's convention. He has not as yet figured out just how he is going to stretch his five feet to reach to the top of the eight-foot shelves. He is not doing much worrying about it, however, as Robert Clemmenson, chief carpenter, is working out a plan, and when Clem starts on anything he always finds a way.

The Los Angeles Redcaps have formed a baseball team, have new uniforms purchased, and their first game will be played for May 30 with the Los Angeles Colored Farmers. The Redcaps are very anxious to win for future dates with the Oakland team and others.

Preparations have been made for efficient handling of the Shrine convention at Los Angeles June 5, 6 and 7. Forces have been increased, station employees have been brightened up with uniforms with new buttons, etc., and we are fully equipped to handle the 74 train scheduled over our line, under the direction of Stationmaster W. J. Parker. The dining room also came in for its share of preparation. A new electric bake oven and dishwasher have been installed and a dumb waiter to the second floor, where tables have been prepared in assembly hall to take care of the dining room overflow. Under the management of F. K. Shilling, a wonderful luncheon is now being served daily, and so well is the dining room patronized at noon that groups of business men from surrounding industries are taking advantage of it and are frequently served on the second floor, the dumb waiter taking care of the transferring of food from the kitchen.

No one in this office has yet been able to figure out what time John Darley, shop timekeeper, gets to the office. No matter how early we arrive he is always here ahead of us. The only way to work with him is on night duty claim he arrives with the daylight. We have, however, found out why he is always here so early. He has a beautiful daughter, Irene, a student in the Occidental College, graduating this month with expects to continue her studies at the University of California at Berkeley for another year. She is a very nice girl, and will either teach or enter the medical department of the Southern Pacific Service work. Whoever she does, she will doubtless succeed, and her father can continue being proud.



Crater Lake—Nature's mystery

*See this and the whole Pacific Coast—
Low summer fares start May 15*

In southern Oregon is one of the scenic wonders of the world. This is Crater Lake, blue as indigo, round as a saucer, six miles wide.

Ages ago a volcano, probably 15,000 feet high, held its flaming torch above the Pacific's shore. Then it grew cold, glaciers took form, and great rivers sprang away to cut the Klamath, Rogue and Umpqua river valleys of today.

At some later date a cataclysm engulfed the upper half of this vast mountain. Seventeen cubic miles of stone sank inwards—the mountain had swallowed itself. In time, rain and melting snow gave the pit a living lake.

In 1853 a party of prospectors were ranging over the Cascade Mountains in search of a lost mine. The mine was not to be found.

But the horse of one rider stopped suddenly, his feet planted at a steep brink. A thousand feet below lay this round, weird, flashing lake of deepest blue. For years the magic lake remained almost inaccessible, although stories of its mystery and beauty

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See the whole Pacific Coast

Crater Lake is only one of the playgrounds accessible by Southern Pacific, whose four great routes penetrate and explore the West. No other railroad offers such a choice of routes. You can go west one way, return another stopover anywhere. Low summer fares will be in effect May 15, return limit October 31.



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